

CERTIFIED MAIL NO.: 7004 2510 0001 2680 5924
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January 7, 2008

Ms. Lisa R. Perenchio, Chief
United States Environmental Protection Agency
77 West Jackson Blvd (WU-16J)
Chicago, Illinois 60604-3590
ATTN: UIC Branch, Direct Implementation



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FEB 04 2008

UIC BRANCH
EPA REGION 5

Re: UIC Permits IN-091-11-0001 and IN-091-11-0002

Dear Ms. Perenchio:

The following Monthly Report for **December 2007** is being submitted in compliance with the referenced Permits Part II(D)(1)(a) thru (f).

The reporting data are as follows:

- (a) The analysis of the injection fluid for the month is submitted as Attachment I. Samples and measurements taken for monitoring conform to the requirements of Part I (E) (10) and Part II (C) (3) of the Permits.
- (b) A tabulation of maximum injection pressure, daily maximum and minimum annulus tank levels, and minimum differential between simultaneous measurements of injection pressure and annulus pressure for each day of the month for Well #1 and Well #2 are shown in Attachments II and III respectively.
- (c) Daily maximum injection pressure and daily average flow rate are shown for Well #1 and Well #2 in Attachment IV. Daily maximum and minimum annulus tank levels for Well #1 and Well #2 are shown in Attachment V.
- (d) A statement of the total volumes of the fluid injected to date, in the current calendar year, and the current month:

Cumulative volume injected

Well #1	1,345,665,449	Gallons
Well #2	1,346,712,013	Gallons

Volume injected year-to-date

Well #1	88,658,490	Gallons
Well #2	97,523,894	Gallons

Volume injected this month

Well #1	5,771,000	Gallons
Well #2	9,253,701	Gallons

- (e) A tabulation of the dates and amounts of water added to or removed from the annulus systems during the month, and the cumulative additions and cumulative subtractions for the current month and each of the past 13 months are included in Attachment VI for Well #1 and Well #2.

(f) Injection operating summary of compliance, alarms and scheduled maintenance is listed below.

Well #1: The following non-compliance event(s) occurred:

None occurred.

Well #1: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Well #2: The following non-compliance event(s) occurred:

None occurred.

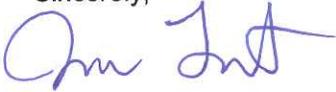
Well #2: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Please note that any events in section (f) above are referenced in the notes in Attachments II and III.

I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Please contact me at Criterion as necessary with any questions regarding this data or report.

Sincerely,



Jesse Trent
HSSE Advisor
Criterion Catalysts & Technologies L.P.

WATCON, INC
 2215 SOUTH MAIN
 P.O. BOX 2829
 SOUTH BEND, IN 46680
 (574) 287-3397, (574) 287-2427 fax

**WEEKLY DEEPWELL ANALYSIS
 MONTH-END SUMMARY**

Client: Criterion Catalyst
 1800 East US HWY 12
 Michigan City, IN 46360

Attn: Mr. Frank Pierrat

WEEK ENDING	UNITS	12/3/2007	12/10/2007	12/17/2007	12/24/2007	12/31/2007	AVERAGE	METHOD
pH @ 25.7 C	S.U.	7.38	7.37	7.23	7.21	7.25	7.28	150.1
Specific Gravity	g/ml	1.033	1.042	1.047	1.050	1.051	1.045	ASTM
Total Dissolved Solids	mg/L	32,256	47,854	58,520	55,525	53,765	49,184	150.1
Total Suspended Solids	mg/L	8.7	17.6	13.2	15.3	18.9	14.94	150.2
Sodium Oxide (Na2O)	mg/L	9.531	17.415	26.595	16.740	11.691	16.394	200.7
Aluminum Oxide (Al2O3)	mg/L	0.12	0.11	0.12	0.16	0.16	0.13	200.7
Silica (SiO2)	mg/L	0.29	1.17	0.72	2.10	2.31	1.32	200.7
Sulfate (SO4)	mg/L	24,563	35,671	38,285	37,314	37,545	34,676	A1000

All tests are run at ambient temperature.

Methods may be referenced to U.S. E.P.A. Methods for the Chemical Analysis of Water and Wastes, and Standard Methods for the Examination of Water and Wastewater

Approved by:

William D. Bell
 Date: 1/22/08

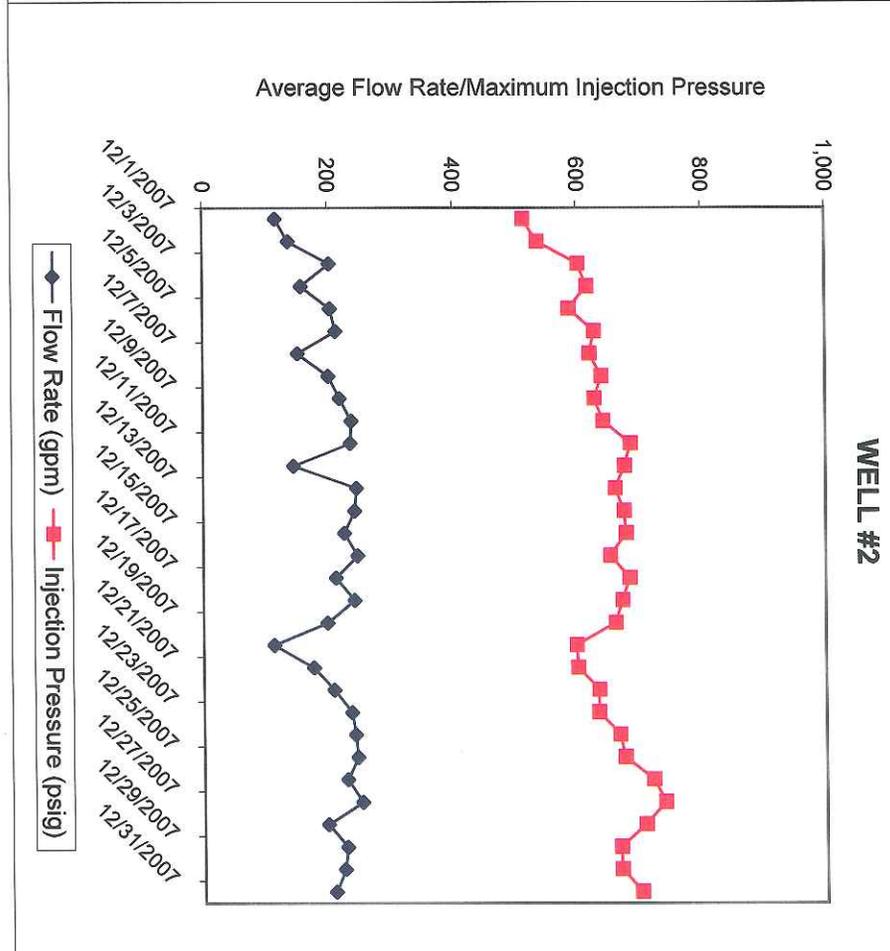
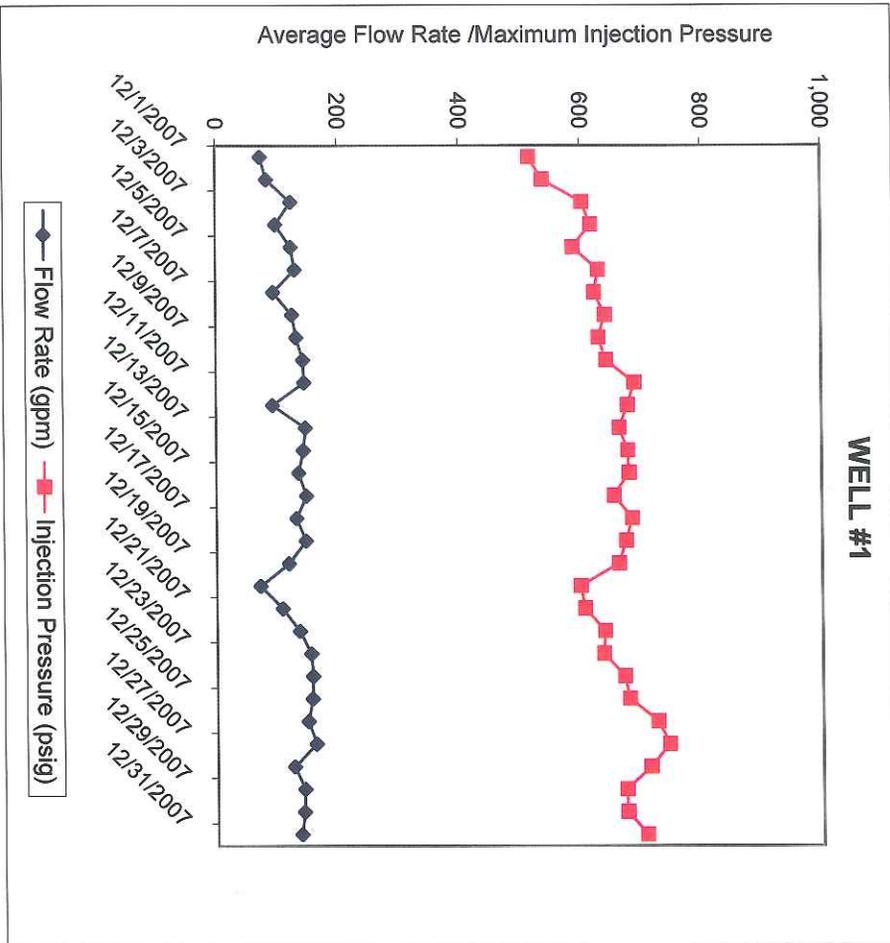
ATTACHMENT II
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #1
December, 2007

Date	Flow Rate (gpm)			Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)			Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note
	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.				
1-Dec	75	134	0	321	518	44	852	924	797	45	48	42	107,418	303	107	
2-Dec	85	137	0	410	540	111	804	860	760	44	46	40	121,713	256	102	
3-Dec	125	164	0	521	604	224	906	960	853	46	50	40	179,567	276	109	
4-Dec	99	162	0	443	619	63	894	968	804	48	51	44	142,667	275	112	
5-Dec	125	144	60	538	589	372	848	876	798	48	52	44	180,055	266	111	
6-Dec	131	159	46	569	631	324	870	993	782	51	53	46	189,056	189	114	
7-Dec	95	158	0	426	624	46	910	1,000	797	46	51	40	137,228	250	112	
8-Dec	127	173	38	527	642	257	860	880	828	46	48	43	182,352	224	111	
9-Dec	133	158	99	580	631	482	880	912	861	48	50	46	191,711	261	114	
10-Dec	144	155	129	623	643	583	888	903	883	50	52	49	207,595	241	116	
11-Dec	146	185	0	618	690	290	887	1,014	820	50	52	48	209,873	175	116	
12-Dec	93	172	0	410	679	56	892	991	808	45	49	40	134,521	253	113	
13-Dec	148	168	111	625	665	552	907	925	878	49	50	46	212,761	257	116	
14-Dec	144	174	60	625	679	380	871	898	840	50	51	49	207,927	168	117	
15-Dec	136	175	0	606	681	114	909	959	841	48	51	45	196,271	205	116	
16-Dec	149	159	117	641	656	554	928	966	886	47	49	46	214,586	232	117	
17-Dec	133	174	0	576	686	108	931	975	844	44	48	42	190,954	223	114	
18-Dec	148	170	127	641	676	608	933	951	912	47	48	46	212,739	256	117	
19-Dec	120	154	66	573	664	367	839	925	780	43	48	39	172,656	183	111	
20-Dec	72	134	0	351	600	44	828	888	762	37	40	33	103,790	262	105	
21-Dec	109	170	0	435	607	35	882	958	743	32	35	26	156,855	175	99	
22-Dec	137	177	66	553	640	368	945	976	923	36	39	35	197,432	305	106	
23-Dec	155	161	146	631	638	622	956	981	918	41	42	39	223,433	289	113	
24-Dec	158	169	147	653	672	624	926	947	905	59	70	42	226,956	241	115	
25-Dec	157	169	152	671	680	663	893	1,046	866	69	70	66	225,679	189	116	
26-Dec	150	186	0	638	726	126	1,007	1,030	866	68	71	65	215,711	304	118	
27-Dec	162	180	0	703	745	175	1,000	1,042	898	70	72	65	233,754	189	119	
28-Dec	127	173	0	564	714	99	904	994	842	67	71	64	183,223	203	115	
29-Dec	144	169	126	635	675	598	920	967	894	67	69	64	207,203	231	114	
30-Dec	143	160	19	635	676	324	913	978	850	68	69	63	205,745	206	115	
31-Dec	139	186	0	613	708	323	945	970	905	65	68	63	199,567	250	113	
Summary	129	186	0	560	745	35	901	1046	743	51	72	26	5,771,000	168	113	

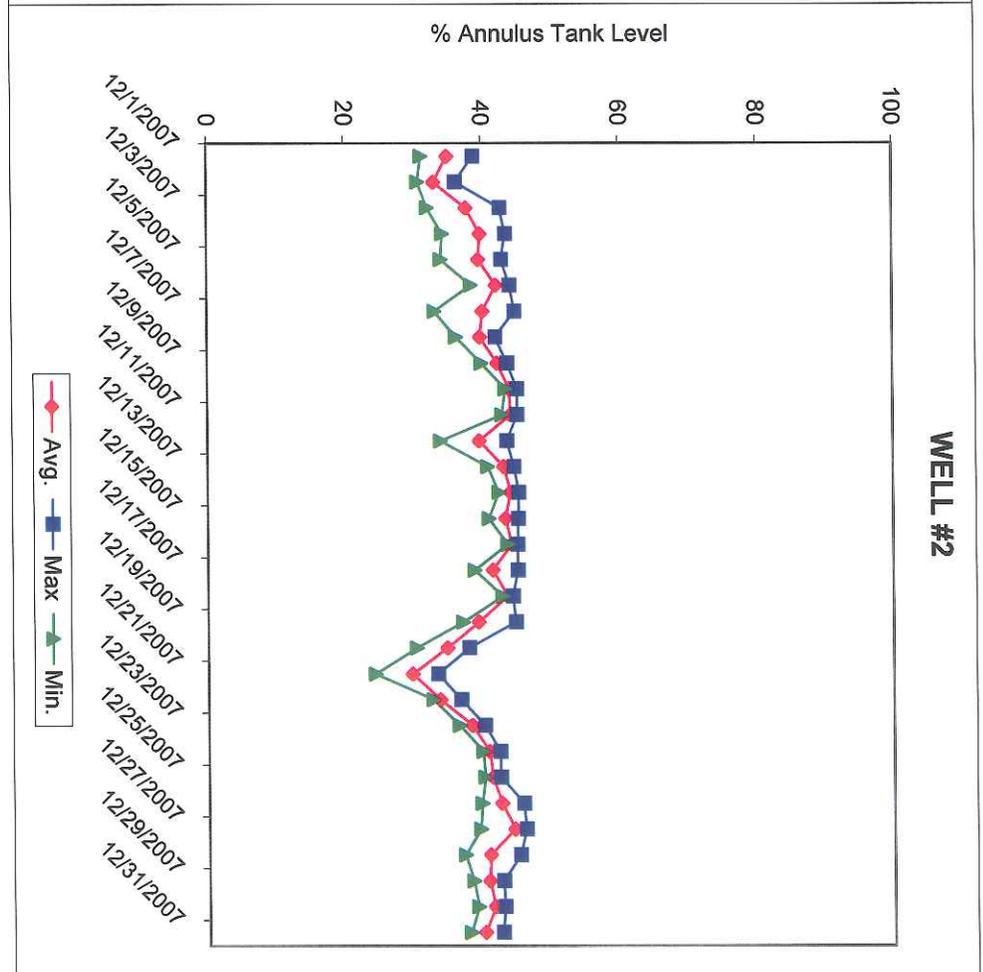
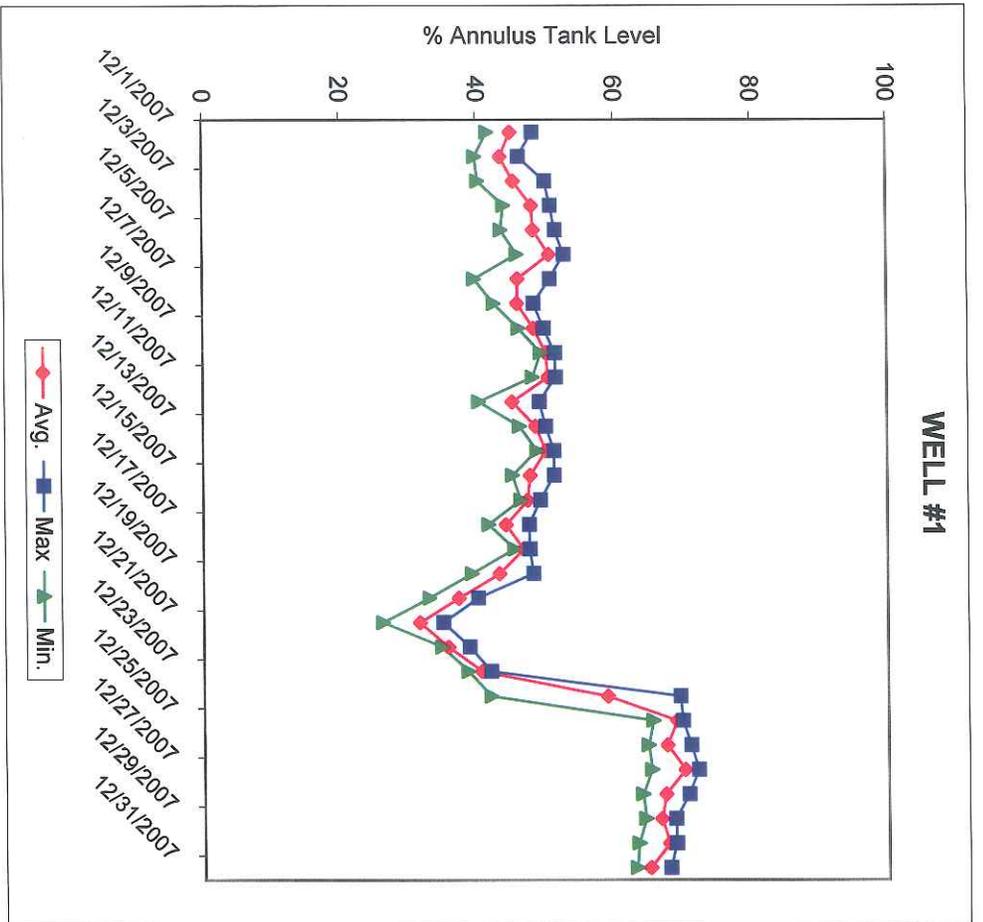
ATTACHMENT III
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #2
December, 2007

Date	Flow Rate (gpm)			Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)			Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp. Note	
	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.				
1-Dec	118	223	0	322	516	47	873	921	832	35	39	31	169,261		335	104
2-Dec	138	228	0	409	538	114	848	881	824	33	36	31	199,360		293	101
3-Dec	204	263	0	520	603	224	892	951	835	38	43	32	293,633		273	108
4-Dec	159	252	0	443	617	67	909	960	839	40	44	34	228,422		312	110
5-Dec	205	232	42	537	588	369	894	929	837	40	43	34	294,772		311	110
6-Dec	213	250	19	568	629	326	910	941	860	42	44	39	307,211		268	113
7-Dec	153	250	0	426	621	50	875	938	792	40	45	33	220,729		237	109
8-Dec	201	268	46	526	640	261	861	886	823	40	42	36	290,118		232	109
9-Dec	219	251	162	578	629	482	885	903	854	42	44	40	315,813		256	112
10-Dec	239	253	216	621	643	581	899	907	894	44	45	44	343,478		259	115
11-Dec	237	282	0	616	687	291	913	988	880	44	45	43	340,800		222	116
12-Dec	146	274	0	410	677	60	925	984	853	40	44	34	210,288		300	112
13-Dec	247	272	200	622	662	551	959	978	931	43	45	41	355,099		306	116
14-Dec	243	276	50	624	676	385	956	974	929	44	45	43	350,215		254	117
15-Dec	227	276	0	605	679	118	933	966	899	44	45	41	326,463		247	115
16-Dec	248	262	196	640	654	554	931	944	922	44	45	44	356,773		272	116
17-Dec	213	273	0	576	685	113	946	972	872	42	45	39	306,618		271	113
18-Dec	243	266	215	639	673	607	976	987	966	44	45	43	349,647		313	117
19-Dec	199	252	63	571	662	372	912	989	881	39	45	37	286,525		272	110
20-Dec	113	222	0	351	599	46	851	887	804	35	38	30	163,242		273	104
21-Dec	177	281	0	432	601	37	888	957	787	30	34	24	255,497		215	98
22-Dec	209	259	42	549	635	369	960	998	946	34	37	33	301,095		334	105
23-Dec	238	246	226	627	634	618	1,004	1,017	981	38	40	37	342,325		354	112
24-Dec	244	257	226	650	668	621	1,011	1,027	999	41	43	40	350,761		339	115
25-Dec	247	260	238	666	676	659	1,006	1,028	990	41	43	40	355,268		314	115
26-Dec	230	278	0	634	721	127	1,016	1,060	973	43	46	40	331,697		318	117
27-Dec	254	280	0	698	740	176	1,030	1,063	944	45	46	40	365,747		256	118
28-Dec	199	266	0	559	709	101	963	1,027	908	41	45	37	286,248		274	114
29-Dec	229	257	204	630	669	593	957	981	927	41	43	39	329,837		280	113
30-Dec	225	250	0	629	670	320	960	982	924	42	43	39	323,967		281	114
31-Dec	210	271	0	607	702	319	935	967	906	40	43	38	302,789		258	112
Summary	207	282	0	558	740	37	932	1,063	787	40	46	24	9,253,701		215	112

ATTACHMENT IV
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
December, 2007



ATTACHMENT V
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
December, 2007



CERTIFIED MAIL NO.: 7004 2510 0001 2680 6860
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January 15, 2008

Ms. Lisa R. Perenchio, Chief
United States Environmental Protection Agency
77 West Jackson Blvd (WU-16J)
Chicago, Illinois 60604-3590
ATTN: UIC Branch, Direct Implementation



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FEB 21 2008

UIC BRANCH
EPA REGION 5

Re: UIC Permits IN-091-11-0001 and IN-091-11-0002

Dear Ms. Perenchio:

The following Monthly Report for January 2008 is being submitted in compliance with the referenced Permits Part II(D)(1)(a) thru (f).

The reporting data are as follows:

- (a) The analysis of the injection fluid for the month is submitted as Attachment I. Samples and measurements taken for monitoring conform to the requirements of Part I (E) (10) and Part II (C) (3) of the Permits.
- (b) A tabulation of maximum injection pressure, daily maximum and minimum annulus tank levels, and minimum differential between simultaneous measurements of injection pressure and annulus pressure for each day of the month for Well #1 and Well #2 are shown in Attachments II and III respectively.
- (c) Daily maximum injection pressure and daily average flow rate are shown for Well #1 and Well #2 in Attachment IV. Daily maximum and minimum annulus tank levels for Well #1 and Well #2 are shown in Attachment V.
- (d) A statement of the total volumes of the fluid injected to date, in the current calendar year, and the current month:

Cumulative volume injected

Well #1	1,352,310,320	Gallons
Well #2	1,356,329,237	Gallons

Volume injected year-to-date

Well #1	6,644,871	Gallons
Well #2	9,617,224	Gallons

Volume injected this month

Well #1	6,644,871	Gallons
Well #2	9,617,224	Gallons

- (e) A tabulation of the dates and amounts of water added to or removed from the annulus systems during the month, and the cumulative additions and cumulative subtractions for the current month and each of the past 13 months are included in Attachment VI for Well #1 and Well #2.

(f) Injection operating summary of compliance, alarms and scheduled maintenance is listed below.

Well #1: The following non-compliance event(s) occurred:

None occurred.

Well #1: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Well #2: The following non-compliance event(s) occurred:

None occurred.

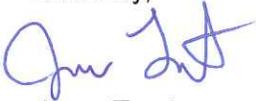
Well #2: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Please note that any events in section (f) above are referenced in the notes in Attachments II and III.

I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Please contact me at Criterion as necessary with any questions regarding this data or report.

Sincerely,



Jesse Trent
HSSE Advisor
Criterion Catalysts & Technologies L.P.

WATCON, INC
 2215 SOUTH MAIN
 P.O. BOX 2829
 SOUTH BEND, IN 46680
 (219) 287-3397, (219) 287-2427 fax

WEEKLY DEERWELL ANALYSIS
 MONTH-END SUMMARY

Client:
 Criterion Catalyst
 1800 East US HWY 12
 Michigan City, IN 46360

Attn: Mr. Frank Pierrat

WEEK ENDING	UNITS	1/7/2008	1/14/2008	1/21/2008	1/28/2008	AVERAGE	METHOD
pH @ 25.7 C	s.u.	7.35	7.39	7.40	7.33	7.37	150.1
Specific Gravity	g/mL	1.048	1.043	1.050	1.043	1.046	ASTM
Total Dissolved Solids	mg/L	50,700	44,770	54,455	46,900	49,206	160.1
Total Suspended Solids	mg/L	6.9	3.9	4.4	4.6	4.30	160.2
Sodium Oxide (Na2O)	mg/L	24,975	23,355	21,455	17,820	21,904	200.7
Aluminum Oxide (Al2O3)	mg/L	0.93	0.31	0.22	0.24	0.43	200.7
Silica (SiO2)	mg/L	0.97	0.44	0.33	0.35	0.52	200.7
Sulfate (SO4)	mg/L	39,261	35,826	40,593	35,628	37,827	A1000

All tests are run at ambient temperature.

Methods may be referenced to U.S. E.P.A. Methods for the Chemical Analysis of Water and Wastes, and Standard Methods for the Examination of Water and Wastewater.

Approved by: *William D. Dalk* Date: 2/8/08

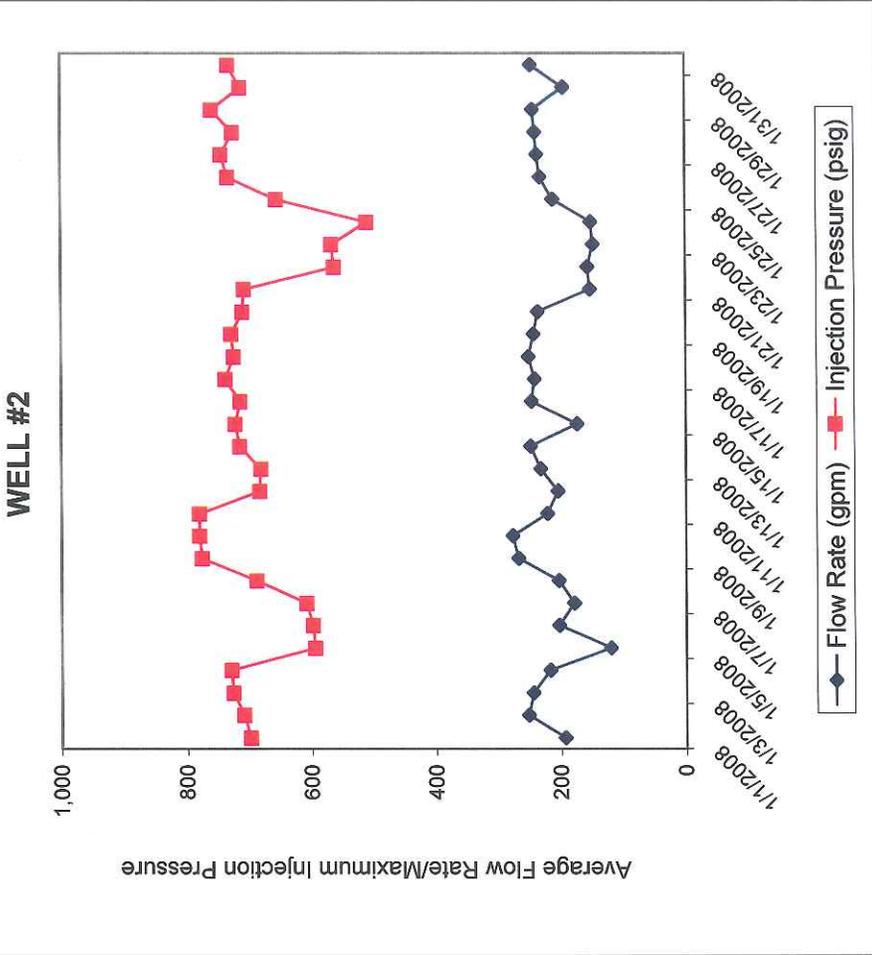
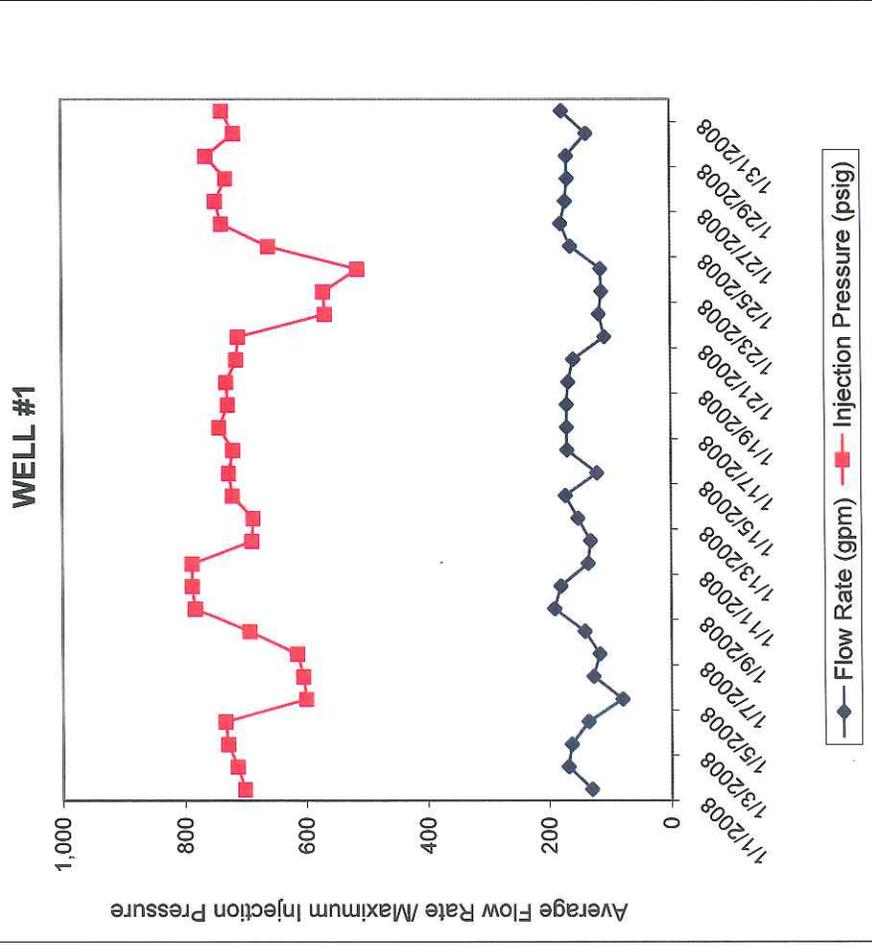
ATTACHMENT II
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #1
January, 2008

Date	Flow Rate (gpm)		Injection Pressure (psig)		Annulus Pressure (psig)		Annulus Level (%)		Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note
	Avg.	Max	Avg.	Max	Avg.	Min.	Avg.	Max				
1-Jan	131	183	576	702	892	928	857	66	188,604	185	113	
2-Jan	169	183	683	714	988	1,011	856	67	243,796	275	117	
3-Jan	164	189	664	730	951	1,103	862	70	236,616	187	119	
4-Jan	136	185	624	734	951	1,089	861	64	196,413	218	110	
5-Jan	80	138	400	600	866	949	811	59	114,742	258	104	
6-Jan	128	160	558	605	906	985	803	59	184,555	255	105	
7-Jan	118	164	526	615	902	940	866	60	169,663	279	105	
8-Jan	142	191	590	693	895	971	833	62	204,908	258	108	
9-Jan	192	215	734	783	1,019	1,046	961	71	275,848	219	121	
10-Jan	181	203	760	788	1,051	1,076	962	72	260,118	176	123	
11-Jan	137	193	647	788	912	1,030	807	69	196,641	198	115	
12-Jan	132	174	606	689	874	927	782	67	190,749	180	113	
13-Jan	153	164	665	687	954	982	910	66	219,816	224	115	
14-Jan	173	182	707	721	999	1,121	899	67	249,177	179	117	
15-Jan	121	184	522	727	953	1,088	833	63	174,476	202	111	
16-Jan	170	186	683	720	991	1,089	953	68	245,003	254	118	
17-Jan	170	196	692	743	1,009	1,066	954	69	245,456	219	118	
18-Jan	170	179	714	728	1,022	1,052	1,003	68	245,154	276	119	
19-Jan	168	181	698	731	983	1,043	947	70	241,546	224	119	
20-Jan	160	189	680	714	984	1,042	950	68	229,898	257	118	
21-Jan	108	172	511	711	919	1,033	798	66	156,161	212	113	
22-Jan	117	138	510	567	779	798	763	60	168,328	223	102	
23-Jan	113	138	501	570	755	790	724	61	162,256	210	102	
24-Jan	114	118	505	513	775	822	711	57	164,582	202	99	
25-Jan	164	178	615	660	863	888	810	62	235,660	221	108	
26-Jan	179	207	684	738	940	974	870	69	257,904	212	118	
27-Jan	171	192	710	748	984	1,052	933	71	246,950	235	120	
28-Jan	168	177	711	731	993	1,011	976	71	242,422	247	120	
29-Jan	170	191	723	763	976	1,023	881	72	244,189	172	121	
30-Jan	138	184	602	717	968	1,075	880	65	198,201	234	114	
31-Jan	177	185	720	737	1,003	1,020	938	69	255,038	233	119	
Summary	149	215	630	788	937	1121	711	66	6,644,871	172	114	

ATTACHMENT III
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #2
January, 2008

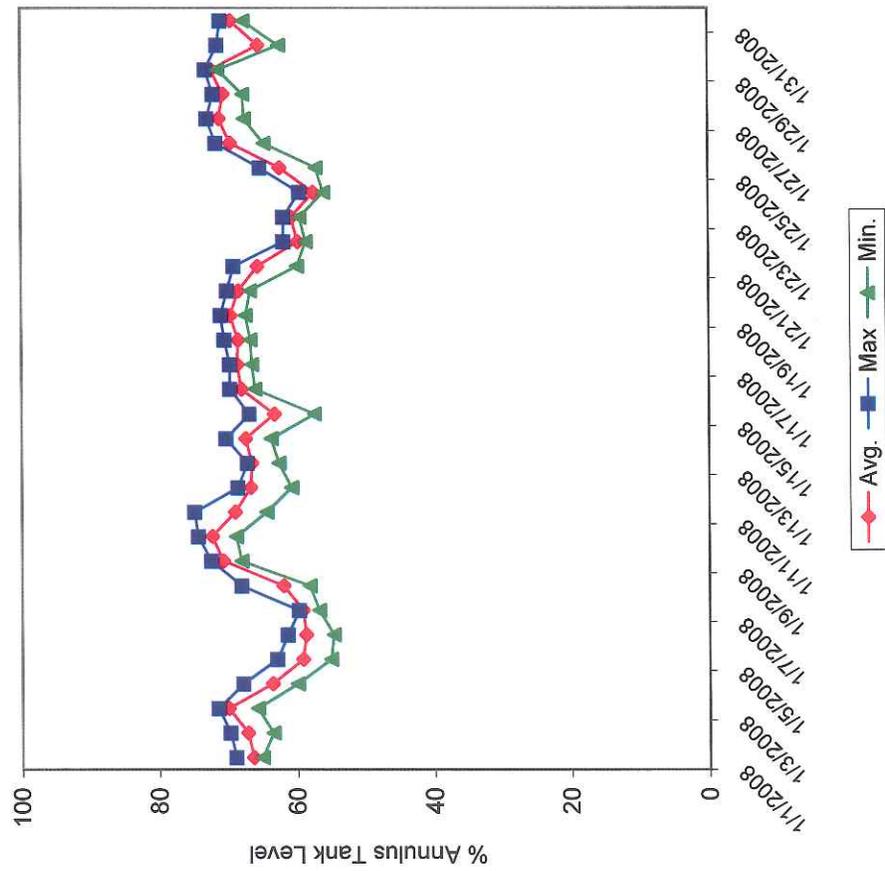
Date	Flow Rate (gpm)		Injection Pressure (psig)		Annulus Pressure (psig)		Annulus Level (%)		Total Flow Injected	Min. Tubel/Annulus Differential Pressure	Temp.	Note
	Avg.	Max	Avg.	Max	Avg.	Max	Avg.	Max				
1-Jan	194	266	572	698	928	955	41	43	279,349	233	112	
2-Jan	252	268	679	709	947	972	43	45	363,351	239	116	
3-Jan	245	283	660	726	959	1,101	45	46	352,927	229	118	
4-Jan	217	283	619	729	1,002	1,090	37	43	312,986	298	109	
5-Jan	120	217	397	594	936	977	32	36	173,190	332	103	
6-Jan	203	247	553	598	943	987	33	37	292,904	338	104	
7-Jan	179	243	521	608	941	957	33	34	257,839	325	104	
8-Jan	204	257	584	688	965	1,046	35	42	293,296	337	108	
9-Jan	269	296	727	776	1,079	1,095	45	46	386,673	306	120	
10-Jan	277	298	753	780	1,089	1,107	47	48	399,337	272	123	
11-Jan	221	296	641	780	990	1,101	42	49	318,797	253	115	
12-Jan	205	262	600	683	938	974	40	42	294,907	259	112	
13-Jan	232	246	658	681	625	966	41	43	334,324	256	114	
14-Jan	248	258	701	715	1,021	1,114	42	44	357,485	233	116	
15-Jan	174	262	518	722	89	1,022	37	42	250,786	295	110	
16-Jan	247	264	677	714	610	1,073	41	43	355,282	367	117	
17-Jan	242	268	686	738	269	1,072	42	43	348,329	315	118	
18-Jan	251	259	709	724	701	1,057	43	44	361,947	329	118	
19-Jan	243	265	695	728	289	1,043	43	44	350,414	292	118	
20-Jan	236	276	677	710	518	1,012	43	44	340,184	304	117	
21-Jan	153	254	508	707	169	1,025	40	44	220,880	269	112	
22-Jan	157	187	506	562	312	867	32	34	225,857	314	101	
23-Jan	148	188	497	566	326	863	32	34	213,230	313	101	
24-Jan	152	156	501	509	281	835	30	31	218,302	319	98	
25-Jan	212	230	610	655	509	888	36	39	305,045	250	107	
26-Jan	232	260	679	733	330	983	43	45	334,422	266	118	
27-Jan	237	258	704	744	289	1,012	45	46	341,320	263	120	
28-Jan	240	252	706	725	361	1,003	45	46	345,905	266	120	
29-Jan	244	267	718	759	335	1,015	46	47	351,513	227	121	
30-Jan	195	255	600	713	105	979	40	43	280,821	257	114	
31-Jan	247	257	715	732	342	1,026	44	45	355,622	282	119	
Summary	215	298	625	780	89	980	40	49	9,617,224	227	113	

ATTACHMENT IV
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
 January, 2008

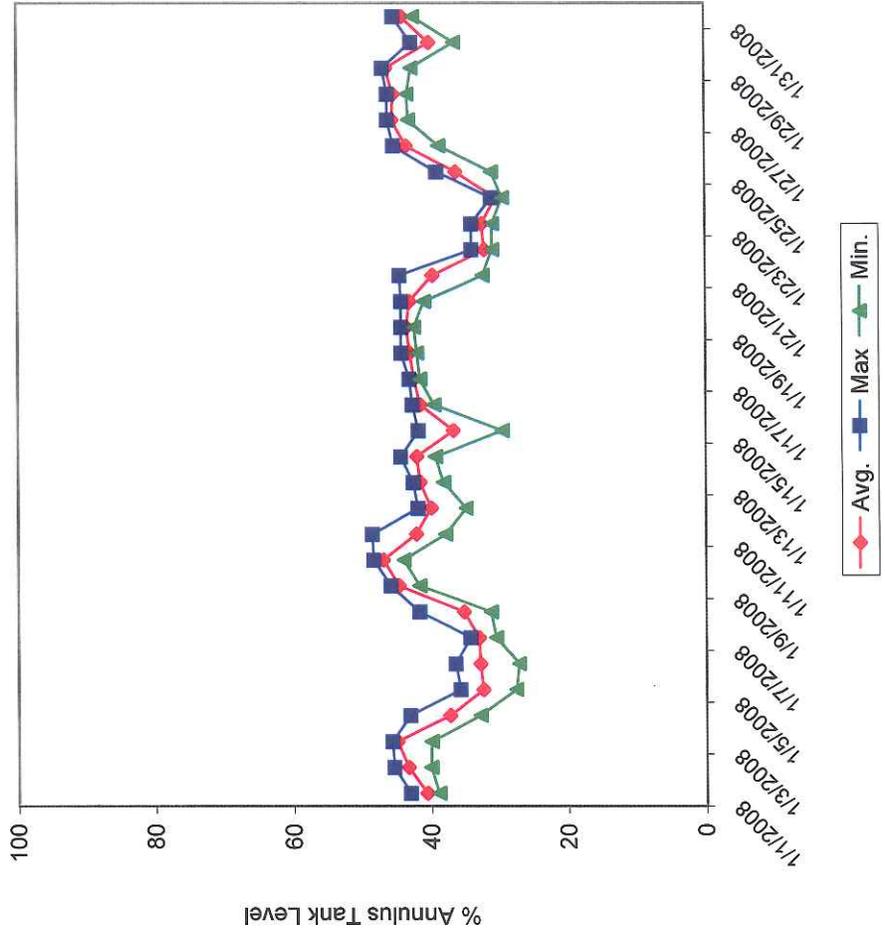


ATTACHMENT V
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
 January, 2008

WELL #1



WELL #2



CERTIFIED MAIL NO.: 7004 2510 0001 2680 6846
RETURN RECEIPT REQUESTED

March 18, 2008

Ms. Lisa R. Perenchio, Chief
United States Environmental Protection Agency
77 West Jackson Blvd (WU-16J)
Chicago, Illinois 60604-3590
ATTN: UIC Branch, Direct Implementation



RECEIVED

MAR 28 2008

UIC BRANCH
EPA REGION 5

Re: UIC Permits IN-091-11-0001 and IN-091-11-0002

Dear Ms. Perenchio:

The following Monthly Report for February 2008 is being submitted in compliance with the referenced Permits Part II(D)(1)(a) thru (f).

The reporting data are as follows:

- (a) The analysis of the injection fluid for the month is submitted as Attachment I. Samples and measurements taken for monitoring conform to the requirements of Part I (E) (10) and Part II (C) (3) of the Permits.
- (b) A tabulation of maximum injection pressure, daily maximum and minimum annulus tank levels, and minimum differential between simultaneous measurements of injection pressure and annulus pressure for each day of the month for Well #1 and Well #2 are shown in Attachments II and III respectively.
- (c) Daily maximum injection pressure and daily average flow rate are shown for Well #1 and Well #2 in Attachment IV. Daily maximum and minimum annulus tank levels for Well #1 and Well #2 are shown in Attachment V.
- (d) A statement of the total volumes of the fluid injected to date, in the current calendar year, and the current month:

Cumulative volume injected

Well #1	1,359,189,795	Gallons
Well #2	1,365,303,671	Gallons

Volume injected year-to-date

Well #1	13,524,346	Gallons
Well #2	18,591,658	Gallons

Volume injected this month

Well #1	6,879,475	Gallons
Well #2	8,974,434	Gallons

- (e) A tabulation of the dates and amounts of water added to or removed from the annulus systems during the month, and the cumulative additions and cumulative subtractions for the current month and each of the past 13 months are included in Attachment VI for Well #1 and Well #2.

(f) Injection operating summary of compliance, alarms and scheduled maintenance is listed below.

Well #1: The following non-compliance event(s) occurred:

None occurred.

Well #1: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Well #2: The following non-compliance event(s) occurred:

None occurred.

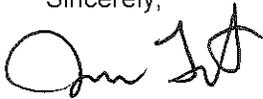
Well #2: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Please note that any events in section (f) above are referenced in the notes in Attachments II and III.

I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Please contact me at Criterion as necessary with any questions regarding this data or report.

Sincerely,



Jesse Trent
HSSE Advisor
Criterion Catalysts & Technologies L.P.

WATCON, INC
 2215 SOUTH MAIN
 P.O. BOX 2829
 SOUTH BEND, IN 46680
 (219) 287-3397, (219) 287-2427 fax

WEEKLY DEEPWELL ANALYSIS
 MONTH-END SUMMARY

Client:
 Criterion Catalyst
 1800 East US HWY 12
 Michigan City, IN 46360

Attn:
 Mr. Frank Pierrat

WEEK ENDING	UNITS	2/4/2008	2/11/2008	2/18/2008	2/25/2008	AVERAGE	METHOD
pH @ 25.7 C	s. u.	7.47	7.15	7.20	7.16	7.25	150.1
Specific Gravity	g/mL	1.051	1.044	1.041	1.048	1.046	ASTM
Total Dissolved Solids	mg/L	57,040	52,330	52,660	55,235	54,316	160.1
Total Suspended Solids	mg/L	26.7	3.0	19.0	23.0	15.00	160.2
Sodium Oxide (Na2O)	mg/L	19,575	17,685	19,170	23,625	20,014	200.7
Aluminum Oxide (Al2O3)	mg/L	0.37	0.36	0.44	0.30	0.37	200.7
Silica (SiO2)	mg/L	0.42	0.26	0.32	0.15	0.29	200.7
Sulfate (SO4)	mg/L	43,812	41,925	40,827	45,628	43,048	A1000

All tests are run at ambient temperature.

Methods may be referenced to U. S. E. P. A. Methods for the Chemical Analysis of Water and Wastes, and Standard Methods for the Examination of Water and Wastewater.

Approved by:  Date: 2/7/08

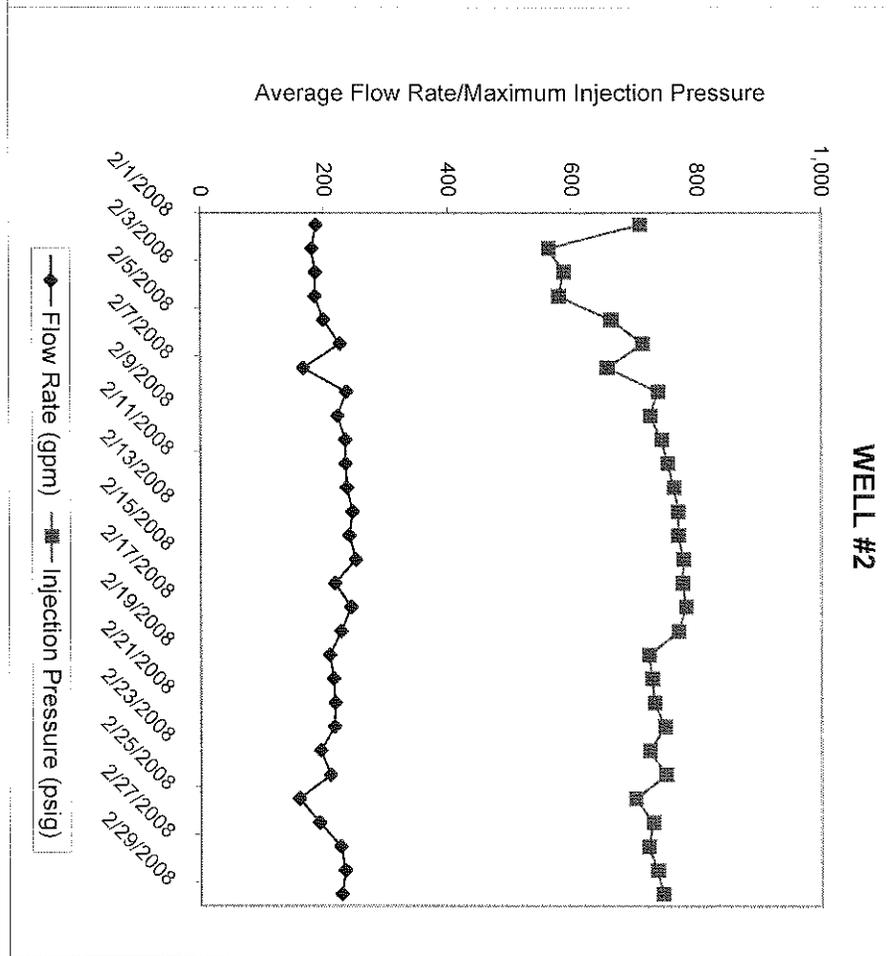
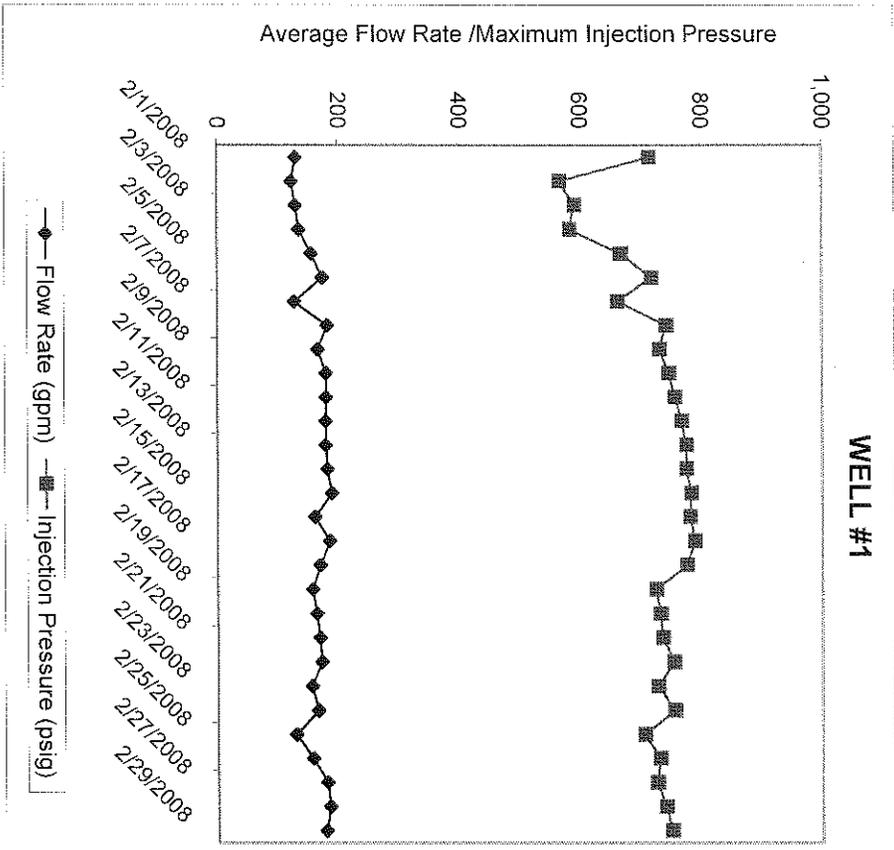
ATTACHMENT II
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #1
February, 2008

Date	Flow Rate (gpm)			Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)			Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note
	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.				
1-Feb	131	176	54	586	715	282	956	1,106	774	63	71	51	187,986	175	109	
2-Feb	124	134	118	537	568	525	997	1,018	977	52	55	49	178,269	413	98	
3-Feb	131	173	118	545	593	531	932	981	908	52	53	51	188,094	328	96	
4-Feb	136	177	123	529	585	512	937	976	877	51	52	49	196,503	356	95	
5-Feb	157	192	126	584	668	509	1,029	1,126	932	57	65	51	225,779	388	108	
6-Feb	175	202	0	676	719	268	1,073	1,119	1,005	67	69	65	252,450	330	119	
7-Feb	129	177	0	545	663	84	913	1,026	844	65	68	62	185,345	196	113	
8-Feb	183	209	87	704	743	455	1,041	1,089	996	68	70	65	263,166	285	120	
9-Feb	168	190	42	694	732	397	964	1,072	890	70	71	66	241,248	213	119	
10-Feb	181	199	42	713	747	365	1,005	1,069	946	67	69	66	260,412	221	117	
11-Feb	181	224	0	725	757	349	1,000	1,033	955	70	71	68	260,772	226	120	
12-Feb	180	200	57	726	768	393	1,001	1,053	947	70	71	69	259,417	210	120	
13-Feb	180	201	50	743	776	382	1,042	1,153	992	67	70	64	259,615	217	118	
14-Feb	183	202	42	742	776	402	1,027	1,053	997	68	70	67	263,378	245	119	
15-Feb	190	200	176	776	784	756	1,044	1,115	983	69	71	67	273,733	200	120	
16-Feb	163	193	107	712	782	574	1,025	1,127	879	65	69	58	234,403	197	117	
17-Feb	187	200	177	769	790	743	1,086	1,130	1,019	67	68	65	268,624	253	120	
18-Feb	171	194	112	731	777	578	1,032	1,105	945	65	67	62	245,984	185	117	
19-Feb	158	175	42	683	726	318	1,026	1,078	927	63	65	59	227,999	227	115	
20-Feb	165	188	57	697	733	410	991	1,046	957	63	63	61	237,800	230	114	
21-Feb	170	188	156	713	737	695	1,078	1,156	931	60	63	59	245,472	194	114	
22-Feb	173	202	134	706	755	631	1,000	1,036	954	60	61	59	248,941	246	112	
23-Feb	157	226	0	625	729	95	984	1,057	897	59	61	55	225,862	202	111	
24-Feb	167	200	33	679	756	250	1,013	1,071	927	62	64	60	240,701	245	115	
25-Feb	131	178	19	574	707	260	938	1,013	890	58	61	55	188,386	261	109	
26-Feb	159	209	19	634	732	241	945	1,026	830	58	62	54	228,424	197	110	
27-Feb	182	202	33	711	727	377	1,014	1,108	941	61	62	58	262,199	227	115	
28-Feb	186	191	183	736	741	727	1,054	1,096	1,018	61	63	60	268,449	277	117	
29-Feb	181	190	169	737	751	720	996	1,023	983	63	64	61	260,065	238	117	
Summary	165	226	0	673	790	84	1005	1156	774	63	71	49	6,879,475	175	114	

ATTACHMENT III
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #2
February, 2008

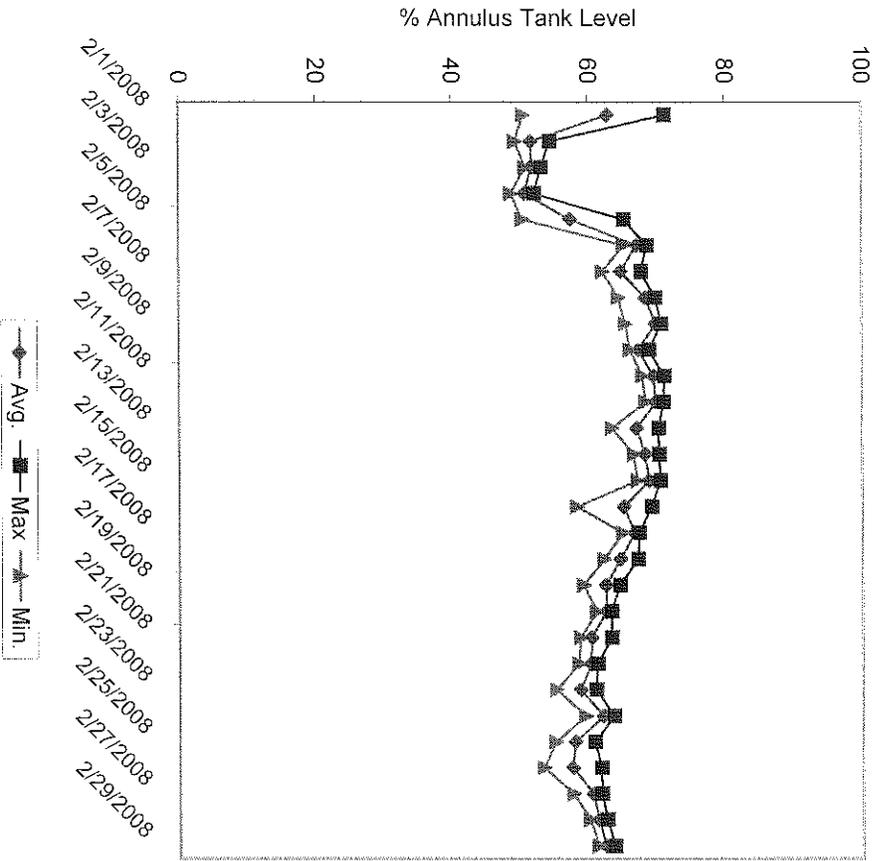
Date	Flow Rate (gpm)			Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)			Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note	
	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.					
1-Feb	188	259	66	581	709	286	992	1,050	870	37	45	26	270,257		274	108	
2-Feb	181	193	173	532	563	521	1,004	1,035	978	26	29	24	260,037		447	97	
3-Feb	186	234	172	539	587	526	986	1,009	977	25	27	25	268,125		401	95	
4-Feb	186	230	168	524	579	507	975	996	961	25	26	23	267,436		408	94	
5-Feb	200	237	166	579	663	504	1,064	1,164	969	32	40	24	287,467		432	107	
6-Feb	226	250	0	670	713	268	1,160	1,185	1,131	40	42	39	325,815		445	119	
7-Feb	167	232	0	541	657	85	1,067	1,131	1,022	36	40	33	240,579		375	112	
8-Feb	236	262	99	698	738	456	1,130	1,155	1,092	42	43	38	340,319		389	119	
9-Feb	223	244	0	688	725	399	1,108	1,133	1,065	42	43	40	320,568		373	119	
10-Feb	235	254	19	710	744	364	1,063	1,097	1,034	41	42	40	337,939		292	117	
11-Feb	235	274	0	721	753	348	1,066	1,075	1,051	43	44	42	338,581		319	119	
12-Feb	238	264	0	721	763	386	1,063	1,069	1,051	43	44	43	342,002		302	120	
13-Feb	246	265	147	738	770	383	1,035	1,066	990	42	44	39	354,103		256	117	
14-Feb	241	258	19	737	770	399	1,040	1,061	1,026	43	44	42	346,441		285	118	
15-Feb	251	261	237	770	778	572	1,001	1,045	928	44	44	43	361,756		257	119	
16-Feb	218	255	149	707	777	572	1,001	1,045	928	42	44	36	313,741		234	116	
17-Feb	244	253	232	763	782	737	1,036	1,044	1,023	44	45	43	350,777		251	120	
18-Feb	228	253	152	726	771	574	990	1,023	971	42	43	41	327,941		205	116	
19-Feb	209	232	27	679	723	316	953	1,009	919	40	42	38	301,136		213	114	
20-Feb	216	238	0	692	728	403	987	1,003	968	39	40	38	310,409		254	113	
21-Feb	218	240	203	708	732	690	1,046	1,061	980	38	39	37	313,832		248	113	
22-Feb	217	250	169	701	748	626	1,030	1,048	1,011	37	38	35	312,440		277	111	
23-Feb	195	245	0	621	724	96	1,009	1,047	966	35	38	32	280,440		271	110	
24-Feb	210	249	0	673	750	252	1,047	1,076	1,007	39	41	36	302,936		301	115	
25-Feb	160	229	0	569	701	258	986	1,031	951	35	38	32	230,488		297	109	
26-Feb	192	251	0	629	729	241	989	1,044	937	35	40	31	277,034		279	109	
27-Feb	226	241	0	706	722	372	1,023	1,044	1,002	39	40	37	326,148		294	114	
28-Feb	234	238	227	730	736	722	1,039	1,040	1,035	40	41	40	336,362		304	116	
29-Feb	229	239	213	732	745	714	1,033	1,048	1,019	40	42	40	329,325		274	116	
Summary	215	274	0	668	782	85	1033	1185	870	38	45	23	8,974,434		205	113	

ATTACHMENT IV
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
 February, 2008

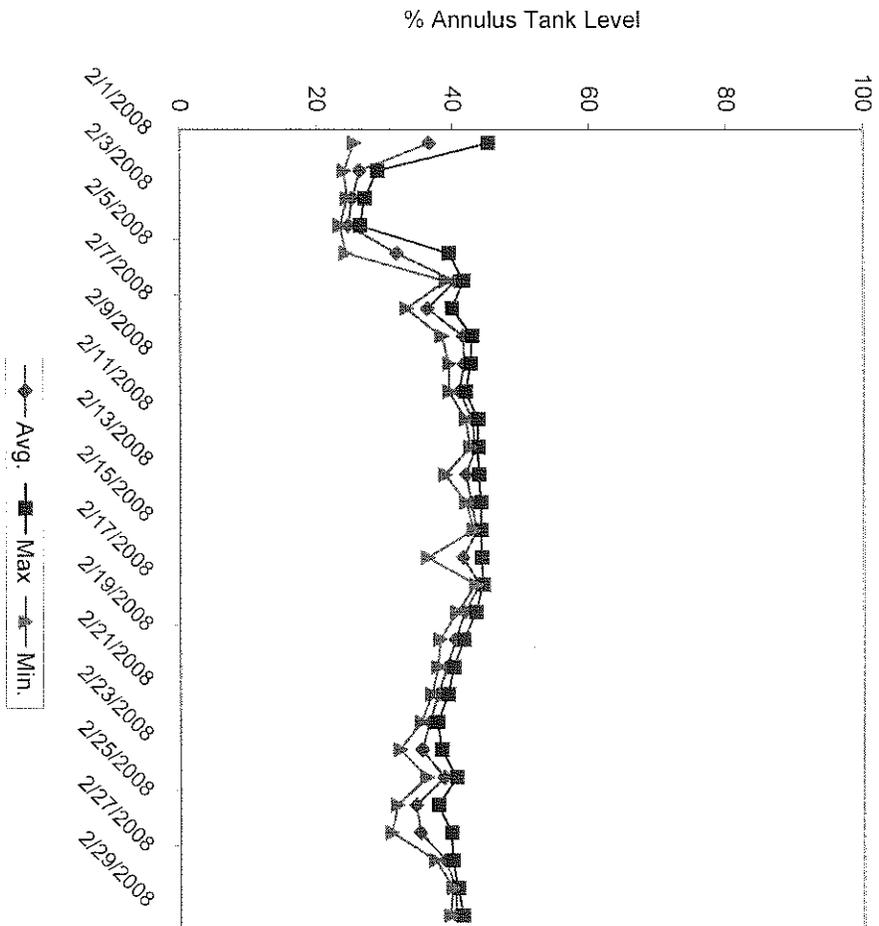


ATTACHMENT V
 DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
 February, 2008

WELL #1



WELL #2



CERTIFIED MAIL NO.: 7004 2510 0001 2480 6839
RETURN RECEIPT REQUESTED

April 18, 2008

Ms. Lisa R. Perenchio, Chief
United States Environmental Protection Agency
77 West Jackson Blvd (WU-16J)
Chicago, Illinois 60604-3590
ATTN: UIC Branch, Direct Implementation

Re: UIC Permits IN-091-11-0001 and IN-091-11-0002

Dear Ms. Perenchio:

The following Monthly Report for March 2008 is being submitted in compliance with the referenced Permits Part II(D)(1)(a) thru (f).

The reporting data are as follows:

- (a) The analysis of the injection fluid for the month is submitted as Attachment I. Samples and measurements taken for monitoring conform to the requirements of Part I (E) (10) and Part II (C) (3) of the Permits.
- (b) A tabulation of maximum injection pressure, daily maximum and minimum annulus tank levels, and minimum differential between simultaneous measurements of injection pressure and annulus pressure for each day of the month for Well #1 and Well #2 are shown in Attachments II and III respectively.
- (c) Daily maximum injection pressure and daily average flow rate are shown for Well #1 and Well #2 in Attachment IV. Daily maximum and minimum annulus tank levels for Well #1 and Well #2 are shown in Attachment V.
- (d) A statement of the total volumes of the fluid injected to date, in the current calendar year, and the current month:

Cumulative volume injected

Well #1	1,366,088,567	Gallons
Well #2	1,373,569,836	Gallons

Volume injected year-to-date

Well #1	20,423,118	Gallons
Well #2	26,857,823	Gallons

Volume injected this month

Well #1	6,898,772	Gallons
Well #2	8,266,165	Gallons

- (e) A tabulation of the dates and amounts of water added to or removed from the annulus systems during the month, and the cumulative additions and cumulative subtractions for the current month and each of the past 13 months are included in Attachment VI for Well #1 and Well #2.



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APR 29 2008

UIC BRANCH
EPA REGION 5

(f) Injection operating summary of compliance, alarms and scheduled maintenance is listed below.

Well #1: The following non-compliance event(s) occurred:

None occurred.

Well #1: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Well #2: The following non-compliance event(s) occurred:

None occurred.

Well #2: The following alarm shutdown(s) and scheduled maintenance occurred:

3/19/2008 10:54 AM: Successfully tested the automatic injection shutoff system to fulfill the requirements of the permit Part II.B.5.

Please note that any events in section (f) above are referenced in the notes in Attachments II and III.

I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Please contact me at Criterion as necessary with any questions regarding this data or report.

Sincerely,



Jesse Trent
HSSE Advisor
Criterion Catalysts & Technologies L.P.

WATCON, INC
 2215 SOUTH MAIN
 P.O. BOX 2829
 SOUTH BEND, IN 46680
 (574) 287-3397, (574) 287-2427 fax

WEEKLY DEEPPWELL ANALYSIS
 MONTH-END SUMMARY

Client: Criterion Catalyst
 1800 East US HWY 12
 Michigan City, IN 46360

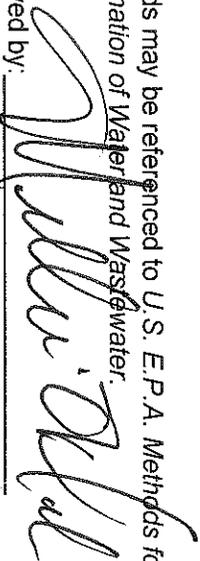
Attn: Mr. Frank Pierrat

WEEK ENDING	UNITS	3/3/2008	3/10/2008	3/17/2008	3/24/2008	3/31/2008	AVERAGE	METHOD
pH @ 25.7 C	s. u.	7.39	7.45	7.42	7.38	7.31	7.39	150.1
Specific Gravity	g/ml	1.043	1.043	1.044	1.042	1.020	1.038	ASTM
Total Dissolved Solids	mg/L	49,286	53,334	49,414	48,932	21,616	44,516	160.1
Total Suspended Solids	mg/L	5.6	7.6	7.6	8.4	2.0	6.2	160.2
Sodium Oxide (Na2O)	mg/L	16,470	18,495	18,360	17,010	6,953	15,458	200.7
Aluminum Oxide (Al2O3)	mg/L	0.16	0.09	0.13	0.14	0.07	0.12	200.7
Silica (SiO2)	mg/L	1.03	0.29	0.38	0.34	10.1	2.43	200.7
Sulfate (SO4)	mg/L	34,000	38,000	31,000	40,000	11,000	30,800	A1000

All tests are run at ambient temperature.

Methods may be referenced to U.S. E.P.A. Methods for the Chemical Analysis of Water and Wastes, and Standard Methods for the Examination of Water and Wastewater.

Approved by:



Date:

4/11/08

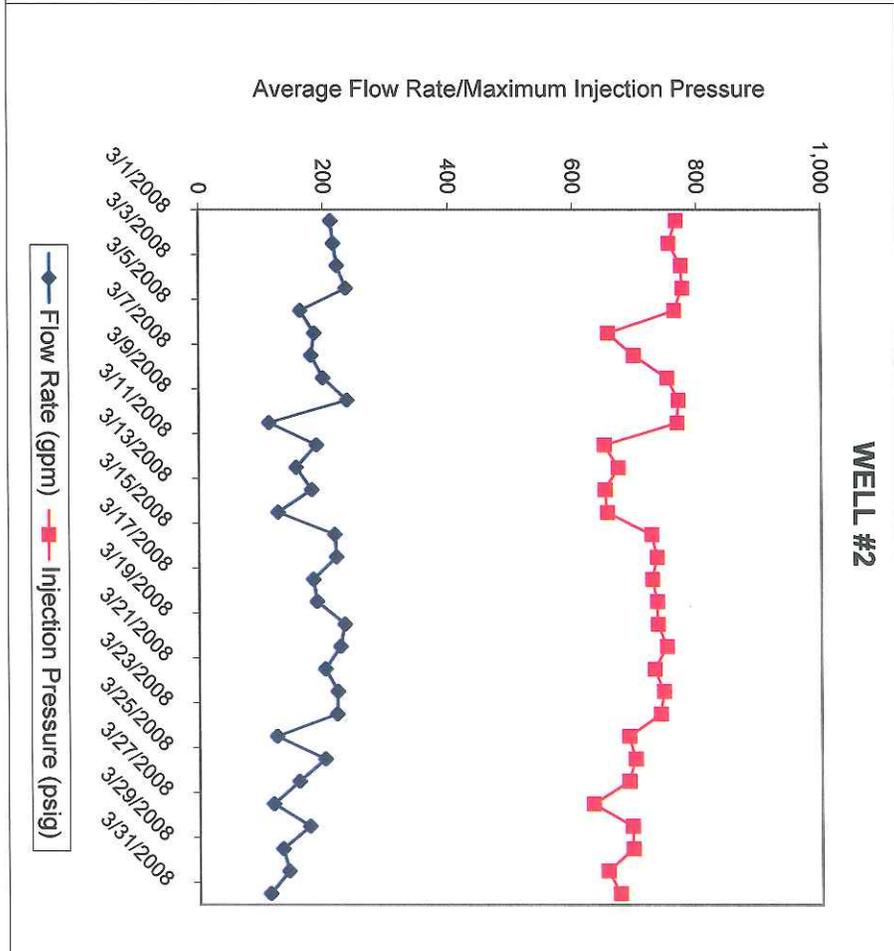
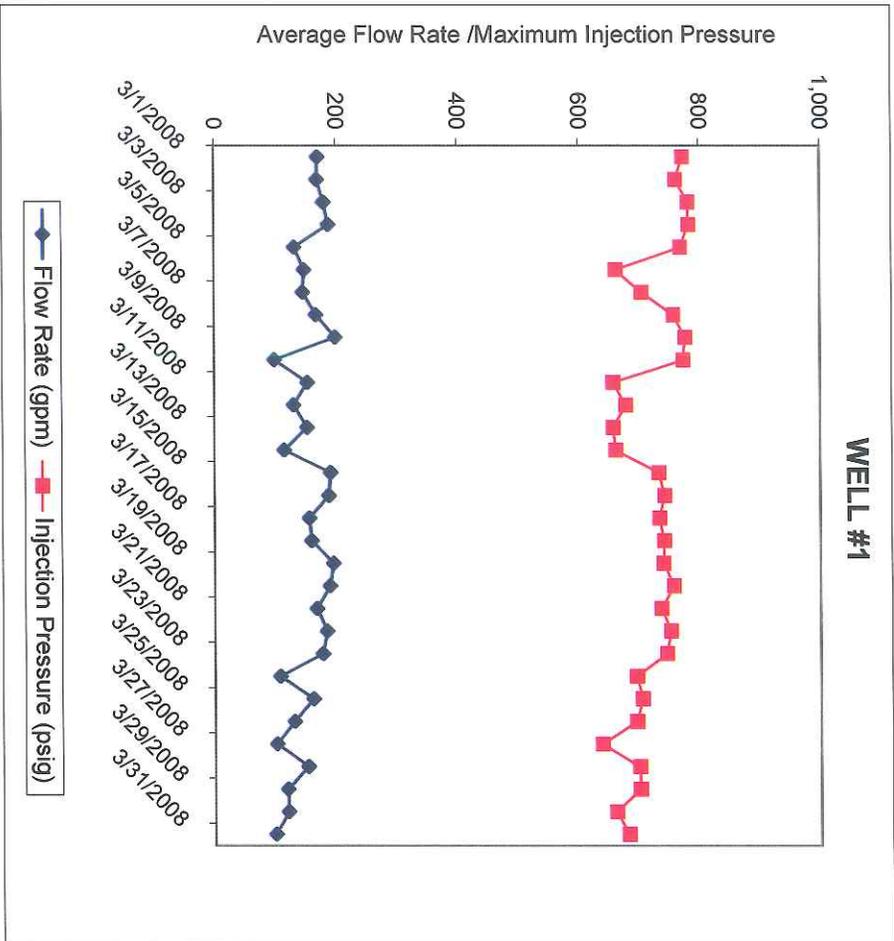
ATTACHMENT II
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #1
March, 2008

Date	Flow Rate (gpm)			Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)			Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note
	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.				
1-Mar	172	202	46	718	775	402	989	1,055	949	63	65	60	247,926	217	118	
2-Mar	171	201	60	718	763	424	1,005	1,040	934	61	63	59	246,142	214	116	
3-Mar	182	222	0	740	784	250	1,027	1,048	990	62	64	61	261,426	239	118	
4-Mar	189	203	19	756	785	264	1,015	1,054	963	63	65	60	272,796	189	118	
5-Mar	134	196	60	583	771	329	950	1,039	858	60	64	54	192,287	230	114	
6-Mar	149	154	139	655	664	628	960	973	937	58	59	55	215,120	273	114	
7-Mar	147	210	19	648	706	192	934	976	910	58	59	56	212,034	233	113	
8-Mar	169	218	142	689	759	649	930	1,063	880	58	59	56	242,975	170	113	
9-Mar	200	211	192	769	779	759	1,057	1,072	1,030	60	62	58	288,395	258	118	
10-Mar	100	196	0	420	776	52	892	1,030	787	56	62	50	143,453	221	112	
11-Mar	155	175	120	624	659	547	881	900	819	53	55	52	223,184	226	106	
12-Mar	131	184	0	533	680	86	849	889	772	53	55	49	189,321	180	106	
13-Mar	154	187	135	602	659	556	898	942	835	52	54	50	221,880	252	107	
14-Mar	116	200	0	461	663	75	851	920	805	50	56	47	166,926	207	104	
15-Mar	192	217	144	693	734	616	974	1,035	881	57	59	54	275,907	198	115	
16-Mar	189	208	0	710	744	163	976	1,026	921	58	59	56	272,446	208	116	
17-Mar	157	206	0	605	735	82	945	1,030	855	56	59	50	226,227	169	113	
18-Mar	161	207	0	625	743	99	983	1,039	880	55	57	50	231,511	201	114	
19-Mar	197	210	19	709	742	194	1,029	1,059	991	55	57	50	283,092	278	114	
20-Mar	191	210	115	721	759	567	981	1,020	943	57	58	55	275,034	209	115	
21-Mar	170	206	0	675	738	131	972	1,023	887	55	57	52	244,150	218	114	
22-Mar	185	202	0	704	754	138	1,009	1,029	950	57	58	55	266,982	243	116	
23-Mar	179	193	66	719	747	380	1,005	1,034	942	57	58	56	257,439	223	117	
24-Mar	108	178	0	474	697	90	920	1,019	790	50	57	45	155,505	166	108	
25-Mar	163	177	139	692	706	659	1,006	1,015	987	49	51	47	234,833	294	109	
26-Mar	132	163	0	601	697	130	949	1,004	905	49	51	47	189,849	244	108	
27-Mar	103	147	19	510	640	145	885	928	806	49	51	46	147,699	222	107	
28-Mar	154	175	33	646	701	295	948	1,000	808	49	51	46	222,099	207	108	
29-Mar	120	175	19	529	702	115	917	982	872	49	51	46	173,255	222	108	
30-Mar	121	168	19	570	663	143	876	905	855	49	50	48	174,469	215	107	
31-Mar	100	175	19	501	683	133	933	1,005	855	48	50	45	144,413	233	107	
Summary	155	222	0	632	785	52	953	1072	772	55	65	45	6,898,772	166	112	

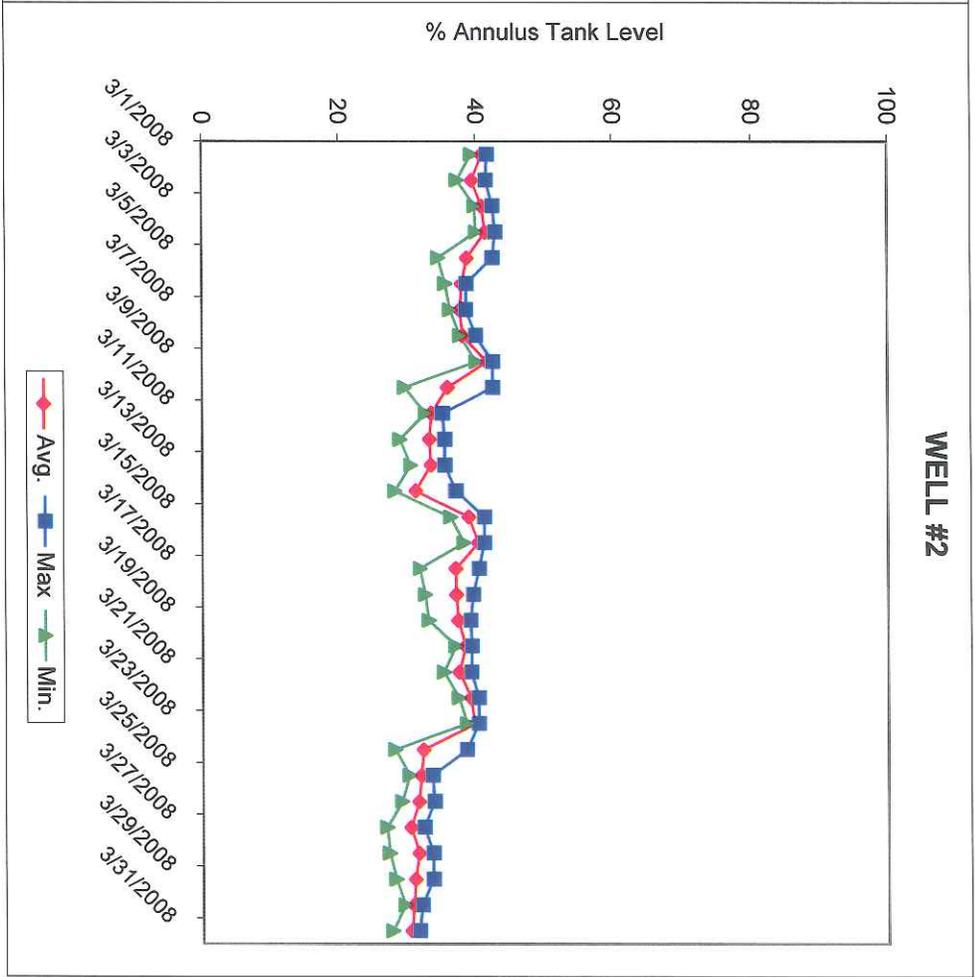
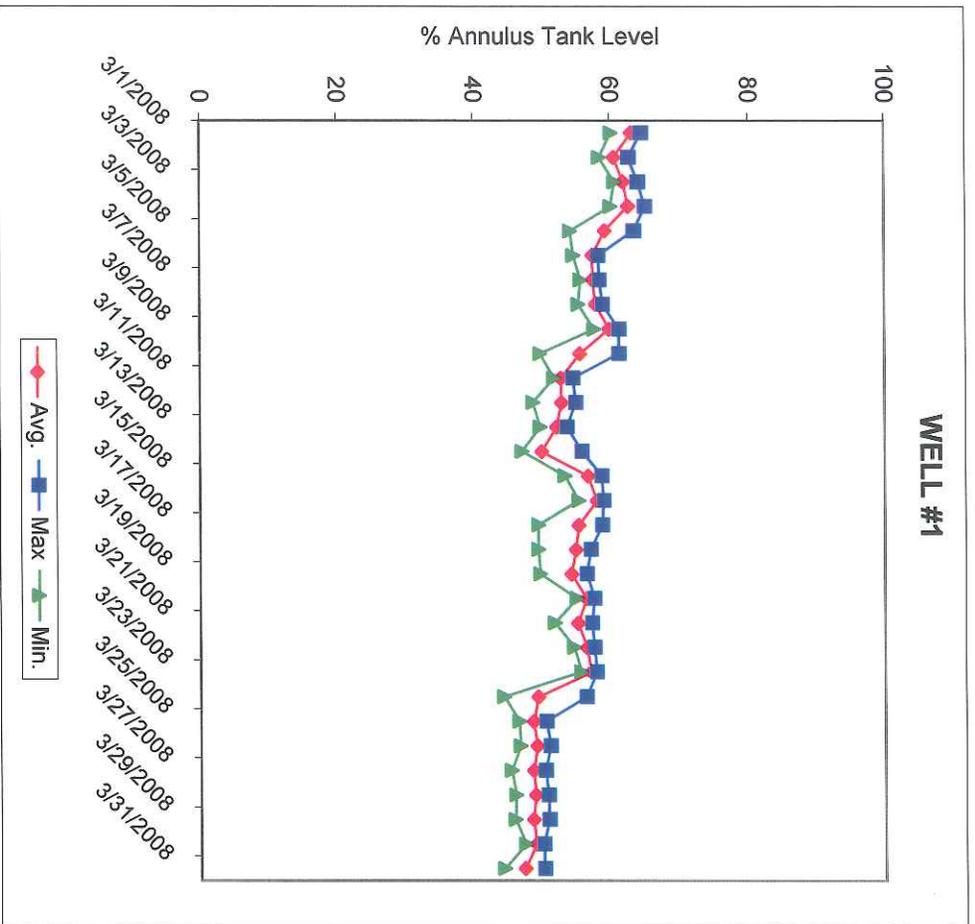
ATTACHMENT III
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #2
March, 2008

Date	Flow Rate (gpm)			Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)			Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note
	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.				
1-Mar	213	248	19	712	769	389	1,040	1,049	1,012	41	42	40	306,880	254	117	
2-Mar	217	247	0	712	757	428	1,012	1,043	977	40	42	37	313,005	263	115	
3-Mar	223	249	0	734	777	250	1,032	1,049	1,013	41	43	40	321,336	252	117	
4-Mar	237	256	0	750	779	263	1,027	1,050	1,003	42	43	40	341,673	231	117	
5-Mar	165	247	66	579	766	327	978	1,032	920	39	43	35	236,977	262	114	
6-Mar	187	193	173	650	659	623	963	970	932	38	39	36	269,232	306	113	
7-Mar	182	250	0	643	700	192	952	965	931	38	39	36	261,853	250	112	
8-Mar	200	247	171	684	754	645	949	972	945	38	40	38	288,715	197	112	
9-Mar	239	248	231	763	772	754	995	1,005	972	42	43	40	344,104	218	117	
10-Mar	113	241	0	418	770	52	919	1,005	844	36	43	30	163,426	218	110	
11-Mar	190	213	141	619	653	543	885	904	873	34	35	33	273,764	242	106	
12-Mar	157	224	0	529	675	86	884	907	836	34	36	29	226,272	226	105	
13-Mar	182	220	158	597	654	551	887	908	852	34	36	31	262,211	254	106	
14-Mar	128	227	0	457	657	76	863	929	829	31	37	28	183,790	237	103	
15-Mar	219	243	171	687	728	611	950	976	911	39	41	36	315,587	230	114	
16-Mar	221	242	0	704	737	162	961	976	928	41	41	38	318,938	224	115	
17-Mar	185	247	0	600	729	83	974	1,028	928	37	41	32	266,156	232	112	
18-Mar	190	246	0	620	737	100	996	1,029	936	37	40	33	274,000	254	113	
19-Mar	235	250	0	705	738	190	997	1,017	942	38	39	33	337,940	154	113	1
20-Mar	228	250	144	715	752	562	1,004	1,015	981	39	40	37	327,926	251	114	
21-Mar	203	244	0	670	732	132	985	1,009	952	38	39	35	292,405	250	113	
22-Mar	223	246	0	699	747	139	1,002	1,015	972	39	41	38	320,837	257	115	
23-Mar	222	235	63	713	742	379	1,004	1,011	982	40	41	39	319,749	256	116	
24-Mar	125	222	0	471	691	90	957	1,011	874	33	39	28	180,396	248	107	
25-Mar	203	220	183	687	701	654	1,031	1,050	1,011	32	34	30	291,712	320	108	
26-Mar	162	203	0	596	691	130	1,024	1,053	989	32	34	29	232,757	342	107	
27-Mar	120	177	0	506	634	146	1,002	1,028	956	31	33	27	172,562	354	106	
28-Mar	178	200	0	641	696	295	1,013	1,036	962	32	34	27	256,875	340	108	
29-Mar	134	203	0	525	697	117	993	1,035	952	31	34	28	193,419	318	106	
30-Mar	144	200	0	565	657	143	992	1,006	973	31	32	30	207,139	336	106	
31-Mar	114	210	0	497	676	133	988	1,003	953	31	32	28	164,528	311	106	
Summary	185	256	0	627	779	52	976	1,053	829	36	43	27	8,266,165	154	111	

ATTACHMENT IV
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
March, 2008



ATTACHMENT V
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
March, 2008



CERTIFIED MAIL NO.: 7004 2510 0001 2680 6822
RETURN RECEIPT REQUESTED

May 19, 2008

Ms. Lisa R. Perenchio, Chief
United States Environmental Protection Agency
77 West Jackson Blvd (WU-16J)
Chicago, Illinois 60604-3590
ATTN: UIC Branch, Direct Implementation



RECEIVED

MAY 22 2008

UIC BRANCH
EPA REGION 5

Re: UIC Permits IN-091-11-0001 and IN-091-11-0002

Dear Ms. Perenchio:

The following Monthly Report for April 2008 is being submitted in compliance with the referenced Permits Part II(D)(1)(a) thru (f).

The reporting data are as follows:

- (a) The analysis of the injection fluid for the month is submitted as Attachment I. Samples and measurements taken for monitoring conform to the requirements of Part I (E) (10) and Part II (C) (3) of the Permits.
- (b) A tabulation of maximum injection pressure, daily maximum and minimum annulus tank levels, and minimum differential between simultaneous measurements of injection pressure and annulus pressure for each day of the month for Well #1 and Well #2 are shown in Attachments II and III respectively.
- (c) Daily maximum injection pressure and daily average flow rate are shown for Well #1 and Well #2 in Attachment IV. Daily maximum and minimum annulus tank levels for Well #1 and Well #2 are shown in Attachment V.
- (d) A statement of the total volumes of the fluid injected to date, in the current calendar year, and the current month:

Cumulative volume injected

Well #1	1,372,125,100	Gallons
Well #2	1,380,254,774	Gallons

Volume injected year-to-date

Well #1	26,459,651	Gallons
Well #2	33,542,761	Gallons

Volume injected this month

Well #1	6,036,534	Gallons
Well #2	6,684,938	Gallons

- (e) A tabulation of the dates and amounts of water added to or removed from the annulus systems during the month, and the cumulative additions and cumulative subtractions for the current month and each of the past 13 months are included in Attachment VI for Well #1 and Well #2.

(f) Injection operating summary of compliance, alarms and scheduled maintenance is listed below.

Well #1: The following non-compliance event(s) occurred:

None occurred.

Well #1: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Well #2: The following non-compliance event(s) occurred:

None occurred.

Well #2: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Please note that any events in section (f) above are referenced in the notes in Attachments II and III.

I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Please contact me at Criterion as necessary with any questions regarding this data or report.

Sincerely,



Jesse Trent
HSSE Advisor
Criterion Catalysts & Technologies L.P.

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MAY 22 2008

UIC BRANCH
EPA REGION 5

WATCON, INC
 2215 SOUTH MAIN
 P.O. BOX 2829
 SOUTH BEND, IN 46660
 (219) 287-3397, (219) 287-2427 fax

WEEKLY DEEPWELL ANALYSIS
 MONTH-END SUMMARY

RECEIVED

Client: Criterion Catalyst
 1800 East US HWY 12
 Michigan City, IN 46360

MAY 22 2008

LIC BRANCH
 EPA REGION 5

Attn: Mr. Frank Pierrat

WEEK ENDING	UNITS	4/7/2008	4/14/2008	4/21/2008	4/28/2008	AVERAGE	METHOD
pH @ 25.7 C	s.u.	6.58	6.61	6.68	6.65	6.63	150.1
Specific Gravity	g/mL	1.012	1.013	1.018	1.033	1.019	ASTM
Total Dissolved Solids	mg/L	12,656	15,484	15,776	34,592	19,627	160.1
Total Suspended Solids	mg/L	2.8	3.2	1.3	4.0	2.83	160.2
Sodium Oxide (Na2O)	mg/L	5,279	4,347	3,321	11,367	6,079	200.7
Aluminum Oxide (Al2O3)	mg/L	0.06	0.03	0.06	0.05	0.06	200.7
Silica (SiO2)	mg/L	4.90	5.52	4.28	2.36	4.27	200.7
Sulfate (SO4)	mg/L	7,969	10,113	10,608	29,384	14,519	A1000

All tests are run at ambient temperature.

Methods may be referenced to U.S. E.P.A. Methods for the Chemical Analysis of Water and Wastes, and Standard Methods for the Examination of Water and Wastewater.

Approved by: *William D. Ditch* Date: 5/10/08

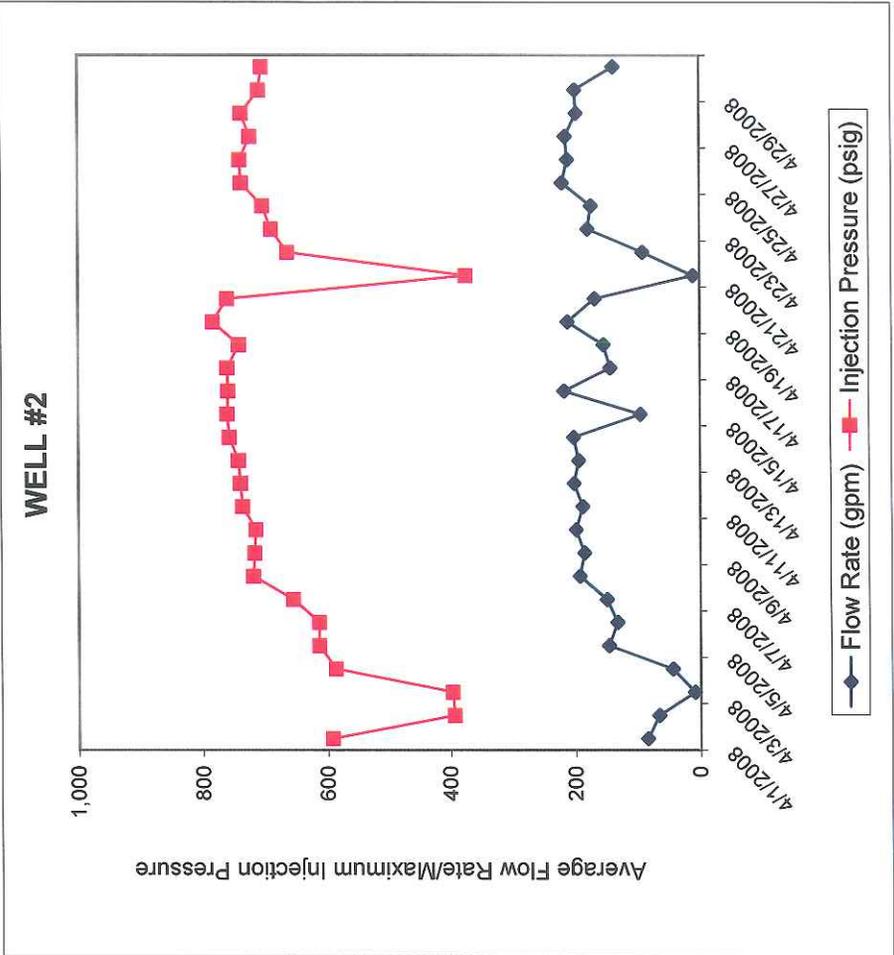
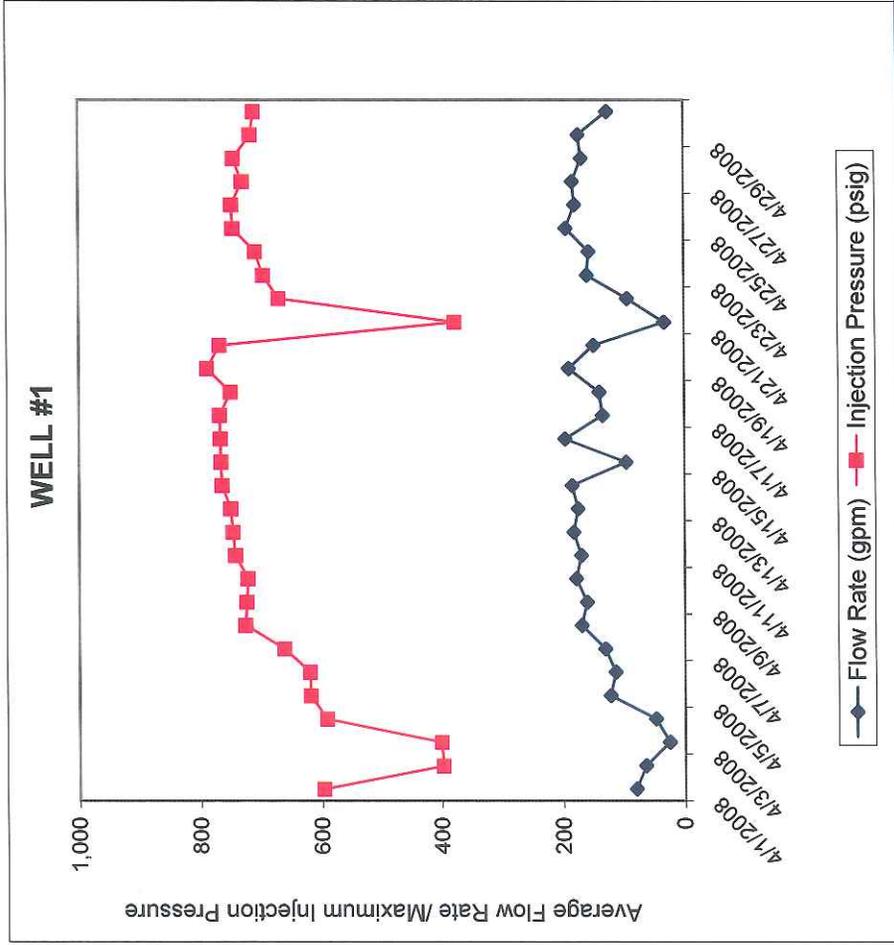
ATTACHMENT II
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #1
April, 2008

Date	Flow Rate (gpm)		Injection Pressure (psig)		Annulus Pressure (psig)		Annulus Level (%)		Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note	
	Avg.	Max	Avg.	Min.	Avg.	Min.	Avg.	Max					
1-Apr	80	149	393	597	905	949	864	44	45	42	115,865	284	102
2-Apr	65	66	387	398	875	908	852	43	44	43	93,259	454	101
3-Apr	26	66	134	401	801	852	769	39	43	37	37,136	446	97
4-Apr	48	134	209	592	762	837	740	38	45	37	69,490	218	89
5-Apr	123	137	586	619	898	915	837	48	49	45	176,561	245	109
6-Apr	115	133	576	620	879	900	846	49	49	48	165,218	258	109
7-Apr	131	152	618	662	853	868	834	50	51	49	188,807	187	109
8-Apr	170	181	706	726	966	995	846	49	51	48	244,685	188	111
9-Apr	161	190	663	724	918	1,018	859	44	49	41	231,546	198	103
10-Apr	179	193	686	722	961	1,052	871	45	47	42	257,289	188	106
11-Apr	208	208	702	742	1,034	1,050	981	48	49	46	245,189	272	112
12-Apr	183	219	726	746	991	1,013	960	49	50	47	263,090	243	111
13-Apr	176	193	727	749	997	1,033	960	48	49	47	252,944	218	112
14-Apr	185	195	749	763	1,007	1,050	967	48	49	47	266,931	218	112
15-Apr	96	194	443	765	964	1,058	814	43	49	38	138,282	219	108
16-Apr	197	208	739	766	1,023	1,040	976	46	48	42	283,480	261	111
17-Apr	135	196	567	767	960	1,022	867	47	49	42	193,863	233	112
18-Apr	140	212	616	749	920	953	874	47	50	44	201,499	166	111
19-Apr	191	219	744	788	1,016	1,038	903	48	49	46	275,039	177	114
20-Apr	150	193	665	767	992	1,042	962	47	48	45	215,458	215	113
21-Apr	33	71	141	377	848	962	785	39	45	35	47,260	539	106
22-Apr	94	196	346	670	878	1,137	762	36	42	31	135,421	170	100
23-Apr	160	190	626	696	1,078	1,127	1,014	43	45	41	230,634	337	112
24-Apr	157	192	595	709	1,017	1,084	935	46	48	43	226,059	272	114
25-Apr	195	208	716	745	1,038	1,050	1,018	52	53	48	280,502	273	120
26-Apr	180	202	703	747	1,041	1,124	867	49	53	43	259,514	175	117
27-Apr	184	199	712	730	1,045	1,107	1,018	47	49	47	265,256	288	117
28-Apr	169	199	686	744	1,008	1,101	951	45	49	43	243,299	249	114
29-Apr	174	190	677	716	963	1,020	899	46	48	43	250,837	250	114
30-Apr	126	202	518	711	1,013	1,111	949	39	43	35	182,119	297	110
Summary	140	219	579	788	955	1137	740	45	53	31	6,036,534	166	109

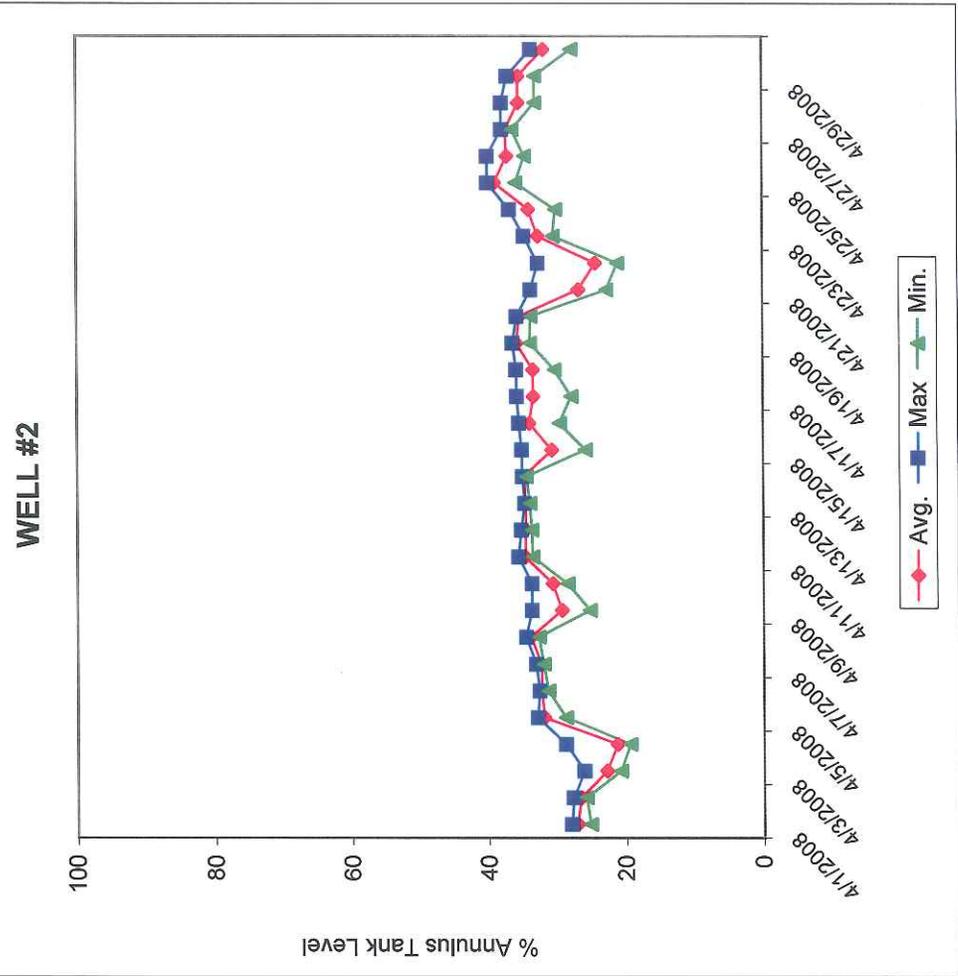
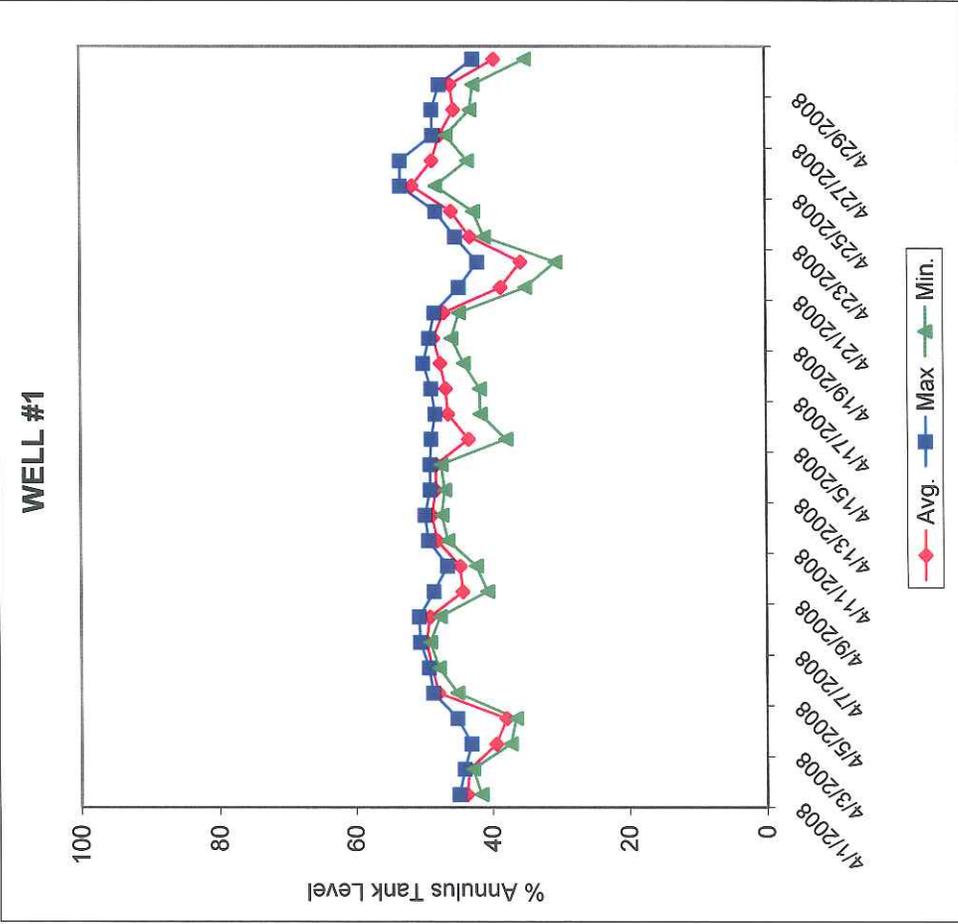
ATTACHMENT III
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #2
April, 2008

Date	Flow Rate (gpm)		Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)		Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note
	Avg.	Max	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max				
1-Apr	85	168	390	592	112	946	957	925	27	28	122,641	358	101	
2-Apr	67	68	384	394	366	934	949	927	27	28	96,102	533	100	
3-Apr	10	68	134	397	74	896	929	878	23	26	14,138	530	96	
4-Apr	45	173	208	587	64	873	943	851	21	29	64,469	335	83	
5-Apr	147	170	580	614	396	982	997	943	32	33	211,792	355	108	
6-Apr	133	153	571	614	240	993	997	983	32	33	191,979	378	108	
7-Apr	150	175	612	656	385	995	1,003	991	32	33	216,598	342	108	
8-Apr	193	206	700	720	652	1,010	1,020	994	34	35	278,535	285	110	
9-Apr	186	215	657	718	309	949	1,005	903	29	34	267,773	249	102	
10-Apr	200	215	680	716	588	959	995	935	31	34	287,640	252	105	
11-Apr	188	212	696	737	311	1,008	1,023	993	35	36	271,215	284	111	
12-Apr	203	217	720	740	263	1,001	1,009	992	35	35	291,939	268	111	
13-Apr	195	212	721	743	702	1,036	1,038	992	35	35	280,455	290	111	
14-Apr	203	214	743	757	735	1,037	1,039	1,030	35	35	292,739	281	112	
15-Apr	96	212	440	760	95	980	1,039	925	31	35	138,160	279	107	
16-Apr	219	231	733	759	620	1,023	1,044	968	34	36	314,679	273	111	
17-Apr	144	220	562	760	110	1,016	1,047	947	33	36	207,819	285	111	
18-Apr	155	233	611	742	167	1,017	1,051	975	34	36	222,659	284	111	
19-Apr	213	238	738	783	169	1,045	1,055	1,016	36	37	306,407	272	113	1
20-Apr	168	220	659	760	375	1,029	1,039	1,002	35	36	242,388	277	113	
21-Apr	11	68	141	375	77	921	1,002	880	27	34	15,765	603	105	
22-Apr	92	229	344	664	67	936	1,109	866	24	33	132,229	283	99	
23-Apr	180	218	621	690	96	1,099	1,130	1,066	33	35	258,714	391	112	
24-Apr	174	216	590	704	94	1,108	1,152	1,050	34	37	250,404	393	114	
25-Apr	221	234	710	738	675	1,175	1,185	1,135	39	40	318,188	446	120	
26-Apr	212	236	697	740	275	1,118	1,184	1,078	37	40	305,776	377	116	
27-Apr	216	229	705	724	693	1,107	1,122	1,092	37	38	310,930	388	117	
28-Apr	198	230	680	738	604	1,067	1,113	1,028	36	38	285,016	346	113	
29-Apr	200	219	671	710	126	1,058	1,080	1,027	36	37	288,260	341	114	
30-Apr	139	230	514	705	83	1,001	1,028	951	32	34	199,534	317	109	
Summary	155	238	574	783	64	1011	1185	851	32	40	6,684,938	249	108	

ATTACHMENT IV
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
April, 2008



ATTACHMENT V
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
 April, 2008



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May 23, 2008

Ms. Lisa R. Perenchio, Chief
United States Environmental Protection Agency
77 West Jackson Blvd (WU-16J)
Chicago, Illinois 60604-3590
ATTN: UIC Branch, Direct Implementation



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JUN 26 2008

UIC BRANCH
EPA REGION 5

Re: UIC Permits IN-091-11-0001 and IN-091-11-0002

Dear Ms. Perenchio:

The following Monthly Report for **May 2008** is being submitted in compliance with the referenced Permits Part II(D)(1)(a) thru (f).

The reporting data are as follows:

- (a) The analysis of the injection fluid for the month is submitted as Attachment I. Samples and measurements taken for monitoring conform to the requirements of Part I (E) (10) and Part II (C) (3) of the Permits.
- (b) A tabulation of maximum injection pressure, daily maximum and minimum annulus tank levels, and minimum differential between simultaneous measurements of injection pressure and annulus pressure for each day of the month for Well #1 and Well #2 are shown in Attachments II and III respectively.
- (c) Daily maximum injection pressure and daily average flow rate are shown for Well #1 and Well #2 in Attachment IV. Daily maximum and minimum annulus tank levels for Well #1 and Well #2 are shown in Attachment V.
- (d) A statement of the total volumes of the fluid injected to date, in the current calendar year, and the current month:

Cumulative volume injected

Well #1	1,379,169,430	Gallons
Well #2	1,388,333,668	Gallons

Volume injected year-to-date

Well #1	33,503,981	Gallons
Well #2	41,621,655	Gallons

Volume injected this month

Well #1	7,044,329	Gallons
Well #2	8,078,894	Gallons

- (e) A tabulation of the dates and amounts of water added to or removed from the annulus systems during the month, and the cumulative additions and cumulative subtractions for the current month and each of the past 13 months are included in Attachment VI for Well #1 and Well #2.
- (f) Injection operating summary of compliance, alarms and scheduled maintenance is listed below.

Well #1: The following non-compliance event(s) occurred:

None occurred.

Well #1: The following alarm shutdown(s) and scheduled maintenance occurred:

1. 5/15/2008 3:15 AM: The automatic injection shutdown alarm was activated due to a low annulus to injection differential pressure. The Operator was performing some routine maintenance on the annulus tank level gauge that caused some of the annulus pressure to bleed off. The injection alarm shutdown occurred when the differential pressure dropped to 160 PSI. The event lasted about 30 seconds and the minimum differential pressure attained during the event was 105 PSI. The annulus pressure was immediately increased. The injection was resumed after the maintenance work was completed.

Well #2: The following non-compliance event(s) occurred:

None occurred.

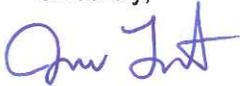
Well #2: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Please note that any events in section (f) above are referenced in the notes in Attachments II and III.

I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Please contact me at Criterion as necessary with any questions regarding this data or report.

Sincerely,



Jesse Trent
HSSE Advisor
Criterion Catalysts & Technologies L.P.

WATCON, INC
 2215 SOUTH MAIN
 P.O. BOX 2829
 SOUTH BEND, IN 46680
 (574) 287-3397, (574) 287-2427 fax

WEEKLY DEEPPWELL ANALYSIS
 MONTH-END SUMMARY

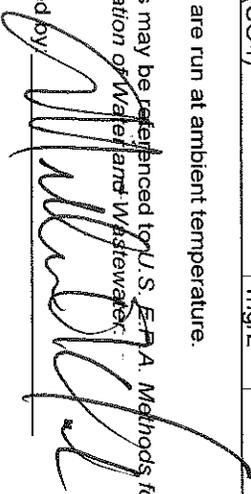
Client:
 Criterion Catalyst
 1800 East US HWY 12
 Michigan City, IN 46360

Attn:
 Mr. Frank Pierrat

WEEK ENDING	UNITS	5/5/2008	5/12/2008	5/19/2008	5/26/2008	AVERAGE	METHOD
pH @ 25.7 C	s.u.	7.13	7.17	7.22	7.27	7.20	150.1
Specific Gravity	g/mL	1.039	1.043	1.042	1.042	1.042	ASTM
Total Dissolved Solids	mg/L	45,898	49,886	46,184	49,826	47,949	160.1
Total Suspended Solids	mg/L	1.6	2.8	3.2	2.9	2.6	160.2
Sodium Oxide (Na2O)	mg/L	12,204	11,489	10,328	12,231	11,563	200.7
Aluminum Oxide (Al2O3)	mg/L	0.09	0.20	0.11	0.11	0.13	200.7
Silica (SiO2)	mg/L	0.62	0.69	0.21	0.64	0.54	200.7
Sulfate (SO4)	mg/L	39,831	43,971	37,422	41,716	40,735	A1000

All tests are run at ambient temperature.

Methods may be referenced to U.S. EPA Methods for the Chemical Analysis of Water and Wastes, and Standard Methods for the Examination of Water and Wastewater.

Approved by:  Date: 6/13/08

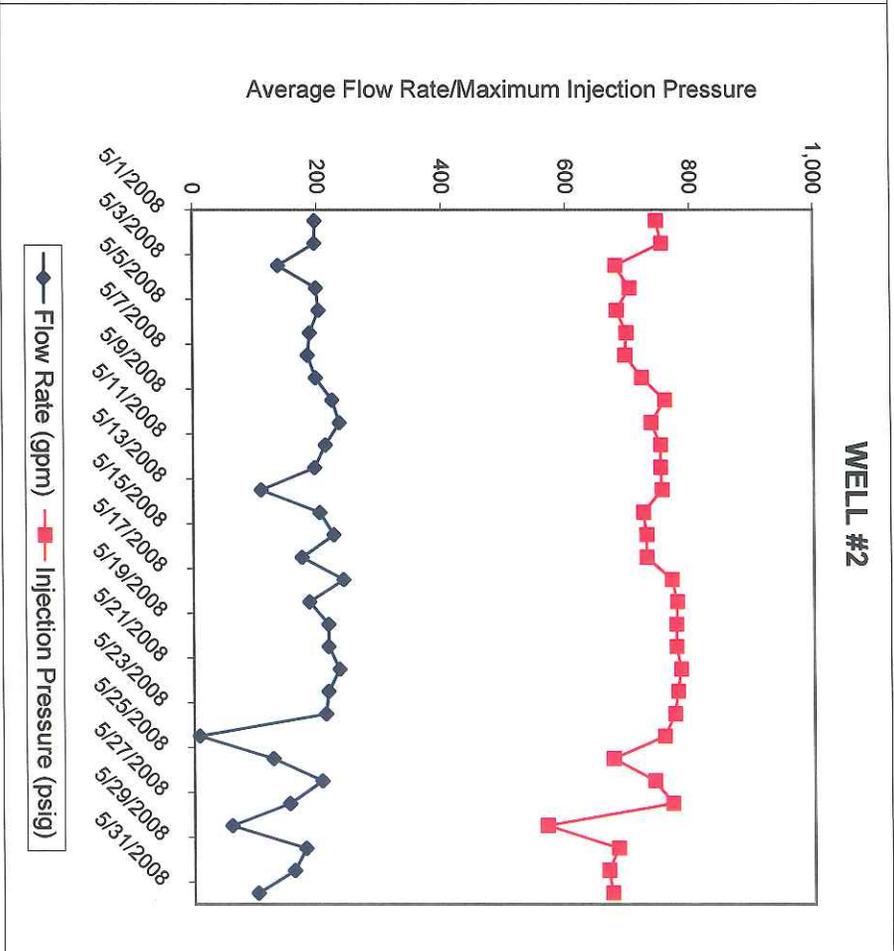
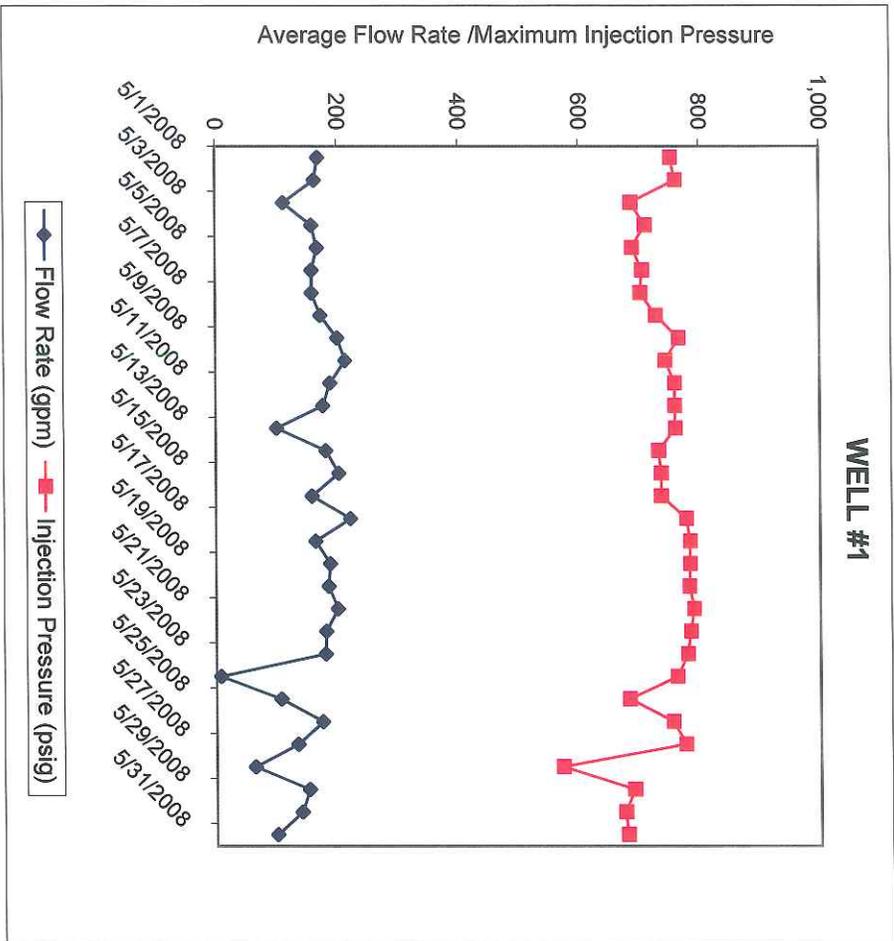
ATTACHMENT II
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #1
May, 2008

Date	Flow Rate (gpm)			Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)			Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note
	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.				
1-May	169	197	19	656	752	94	1,093	1,142	967	45	50	36	243,747	350	118	
2-May	164	195	133	685	760	607	1,016	1,130	933	48	50	46	235,905	267	118	
3-May	113	186	19	497	687	64	897	1,075	772	41	46	33	162,892	165	110	
4-May	159	189	42	648	710	238	1,030	1,079	987	39	40	37	228,696	329	111	
5-May	168	187	153	668	689	644	976	987	963	41	44	39	241,812	286	113	
6-May	159	179	143	670	705	647	995	1,066	967	43	44	42	228,899	279	115	
7-May	159	178	27	652	702	333	967	1,031	914	42	43	39	228,484	228	113	
8-May	173	217	120	671	727	587	959	1,013	892	39	43	36	249,274	196	110	
9-May	201	241	46	700	765	252	990	1,030	899	37	39	33	288,784	197	108	
10-May	214	224	158	724	742	663	989	1,030	951	39	41	37	308,174	227	110	
11-May	189	231	142	703	758	645	973	1,019	876	38	41	33	271,751	199	109	
12-May	177	240	19	604	758	90	1,013	1,101	893	34	38	30	254,650	248	105	
13-May	101	235	19	439	759	85	994	1,185	825	45	73	23	145,152	296	101	
14-May	181	235	19	633	731	191	982	1,087	850	76	92	71	261,008	269	104	
15-May	203	230	19	698	735	231	1,035	1,102	838	76	85	73	292,223	105	110	1
16-May	158	219	19	575	735	97	1,000	1,159	823	74	78	65	228,152	196	106	
17-May	222	244	19	731	777	345	1,048	1,064	1,003	77	79	75	319,785	260	113	
18-May	164	246	19	660	783	198	1,061	1,135	970	72	80	67	236,646	228	116	
19-May	188	250	19	722	783	288	1,016	1,044	986	71	73	69	270,752	232	116	
20-May	185	238	19	729	782	119	1,034	1,111	973	73	75	70	267,029	228	119	
21-May	201	211	155	775	790	704	1,028	1,076	992	75	76	74	289,056	220	120	
22-May	182	201	155	749	784	704	993	1,066	937	74	76	72	261,522	191	118	
23-May	180	199	19	751	779	282	1,040	1,093	987	72	73	71	259,737	208	118	
24-May	8	184	0	56	761	25	751	1,008	740	63	73	63	11,040	247	83	
25-May	107	176	19	397	682	35	976	1,123	788	61	64	57	153,965	177	107	
26-May	175	206	148	697	754	647	1,157	1,189	1,129	70	73	67	252,374	382	118	
27-May	134	214	0	583	775	67	984	1,130	807	71	73	64	193,589	218	115	
28-May	64	138	0	279	572	59	779	839	726	62	66	58	92,668	204	98	
29-May	153	197	120	615	690	551	945	1,019	859	65	67	61	219,872	246	108	
30-May	141	234	19	573	675	74	928	948	870	66	67	63	202,399	261	108	
31-May	100	180	0	405	679	75	866	936	806	65	68	62	144,295	231	106	
Summary	158	250	0	611	790	25	984	1189	726	58	92	23	7,044,329	105	110	

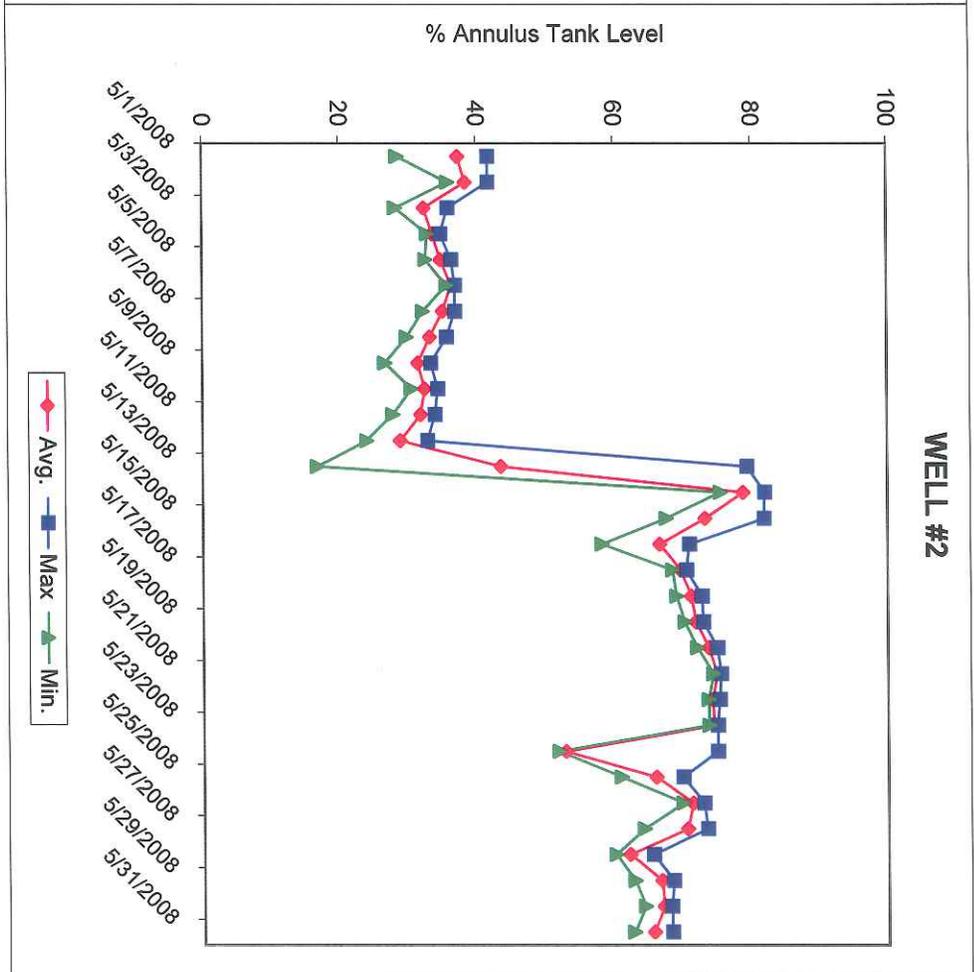
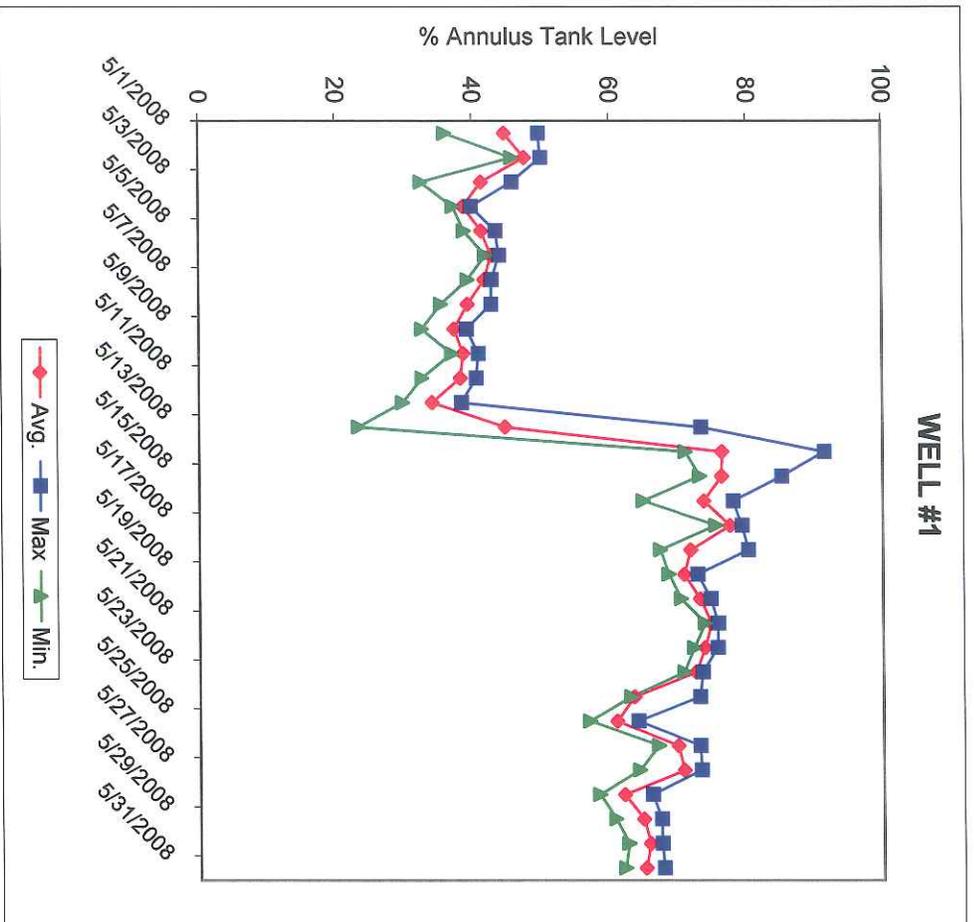
ATTACHMENT III
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #2
May, 2008

Date	Flow Rate (gpm)			Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)			Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note
	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.				
1-May	197	231	0	650	746	94	1,082	1,148	960	37	42	29	283,877	338	117	
2-May	196	231	161	679	754	601	1,091	1,148	1,050	39	42	36	282,697	354	117	
3-May	138	242	0	493	681	64	998	1,050	941	33	36	28	199,121	274	109	
4-May	198	239	38	642	703	239	998	1,011	985	34	35	33	285,750	291	110	
5-May	203	219	183	662	683	639	1,014	1,039	982	35	37	33	291,703	324	112	
6-May	188	209	170	664	698	641	1,036	1,048	1,021	36	37	36	271,001	339	114	
7-May	185	211	0	646	696	330	1,017	1,047	976	35	37	32	265,988	295	112	
8-May	197	241	138	666	722	583	980	1,019	938	33	36	30	284,187	247	109	
9-May	224	257	42	694	759	250	1,002	1,031	953	32	34	27	322,782	242	107	
10-May	236	246	186	718	737	657	1,017	1,045	991	33	35	31	339,482	271	109	
11-May	213	247	169	698	752	641	1,007	1,038	952	32	34	28	306,138	277	108	
12-May	195	261	0	600	752	92	1,009	1,089	904	29	33	24	281,238	263	105	
13-May	110	260	0	435	754	85	1,020	1,150	906	44	79	17	158,173	332	101	
14-May	204	257	0	627	724	190	1,037	1,153	927	79	82	76	293,050	334	103	
15-May	226	256	0	693	729	230	1,037	1,128	774	73	82	68	325,547	170	109	
16-May	175	240	0	570	729	96	1,009	1,170	846	67	71	58	251,515	198	106	
17-May	242	267	0	725	770	341	1,086	1,112	1,055	70	71	69	347,981	330	112	
18-May	186	263	0	655	778	198	1,109	1,154	1,034	71	73	69	268,298	315	115	
19-May	217	271	0	717	777	287	1,100	1,130	1,053	72	73	70	312,009	330	115	
20-May	217	252	0	724	777	120	1,136	1,164	1,067	74	75	72	312,396	351	118	
21-May	235	247	189	770	784	700	1,145	1,164	1,125	75	76	74	337,762	344	119	
22-May	216	238	187	744	779	700	1,097	1,141	1,072	74	75	74	311,588	294	117	
23-May	212	237	0	746	774	281	1,083	1,102	1,056	74	75	74	305,902	300	117	
24-May	9	215	0	56	757	25	793	1,081	780	53	75	52	12,900	324	83	
25-May	128	228	0	393	675	35	1,005	1,180	782	66	70	61	183,859	179	106	
26-May	206	234	181	687	741	640	1,208	1,251	1,170	71	73	70	296,510	478	117	
27-May	154	238	0	578	770	68	1,113	1,249	929	71	74	64	221,371	351	114	
28-May	61	170	0	277	568	61	888	959	851	62	66	60	87,900	311	99	
29-May	179	229	139	609	683	545	978	1,018	901	67	69	63	258,292	300	107	
30-May	161	240	0	568	667	73	985	1,013	923	67	68	64	231,558	334	107	
31-May	103	208	0	401	673	75	954	1,015	896	66	68	63	148,321	321	106	
Summary	181	271	0	606	784	25	1033	1251	774	55	82	17	8,078,894	170	110	

ATTACHMENT IV
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
 May, 2008



ATTACHMENT V
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
 May, 2008



CERTIFIED MAIL NO.: 7004 2510 0001 2680 6808
RETURN RECEIPT REQUESTED

July 17, 2008



Ms. Lisa R. Perenchio, Chief
United States Environmental Protection Agency
77 West Jackson Blvd (WU-16J)
Chicago, Illinois 60604-3590
ATTN: UIC Branch, Direct Implementation

Re: UIC Permits IN-091-11-0001 and IN-091-11-0002

Dear Ms. Perenchio:

The following Monthly Report for June 2008 is being submitted in compliance with the referenced Permits Part II(D)(1)(a) thru (f).

The reporting data are as follows:

- (a) The analysis of the injection fluid for the month is submitted as Attachment I. Samples and measurements taken for monitoring conform to the requirements of Part I (E) (10) and Part II (C) (3) of the Permits.
- (b) A tabulation of maximum injection pressure, daily maximum and minimum annulus tank levels, and minimum differential between simultaneous measurements of injection pressure and annulus pressure for each day of the month for Well #1 and Well #2 are shown in Attachments II and III respectively.
- (c) Daily maximum injection pressure and daily average flow rate are shown for Well #1 and Well #2 in Attachment IV. Daily maximum and minimum annulus tank levels for Well #1 and Well #2 are shown in Attachment V.
- (d) A statement of the total volumes of the fluid injected to date, in the current calendar year, and the current month:

Cumulative volume injected

Well #1	1,384,679,788	Gallons
Well #2	1,394,341,679	Gallons

Volume injected year-to-date

Well #1	39,014,339	Gallons
Well #2	47,629,666	Gallons

Volume injected this month

Well #1	5,510,358	Gallons
Well #2	6,008,011	Gallons

- (e) A tabulation of the dates and amounts of water added to or removed from the annulus systems during the month, and the cumulative additions and cumulative subtractions for the current month and each of the past 13 months are included in Attachment VI for Well #1 and Well #2.
- (f) Injection operating summary of compliance, alarms and scheduled maintenance is listed below.

Well #1: The following non-compliance event(s) occurred:

None occurred.

Well #1: The following alarm shutdown(s) and scheduled maintenance occurred:

1. June 26 & 27, 2008: The annual reservoir pressure falloff test and SAPT for MI was successfully completed.

Well #2: The following non-compliance event(s) occurred:

None occurred.

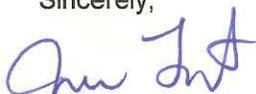
Well #2: The following alarm shutdown(s) and scheduled maintenance occurred:

2. June 26, 2008: The annual SAPT for MI was successfully completed.

Please note that any events in section (f) above are referenced in the notes in Attachments II and III.

I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Please contact me at Criterion as necessary with any questions regarding this data or report.

Sincerely,



Jesse Trent
HSSE Advisor
Criterion Catalysts & Technologies L.P.

WATCON, INC
 2215 SOUTH MAIN
 P.O. BOX 2829
 SOUTH BEND, IN 46680
 (574) 287-3397, (574) 287-2427 fax

WEEKLY DEEPPWELL ANALYSIS
 MONTH-END SUMMARY

Client:
 Criterion Catalyt
 1800 East US HWY 12
 Michigan City, IN 46360

Attn:
 Mr. Frank Pierrat

WEEK ENDING	UNITS	6/2/2008	6/9/2008	6/16/2008	6/23/2008	AVERAGE	METHOD
pH @ 25.7 C	s.u.	7.25	7.23	7.20	7.16	7.21	150.1
Specific Gravity	g/ml	1.034	1.037	1.032	1.034	1.034	ASTM
Total Dissolved Solids	mg/L	43,704	48,432	46,466	49,768	47,093	160.1
Total Suspended Solids	mg/L	2.8	3.2	2.0	2.4	2.6	160.2
Sodium Oxide (Na2O)	mg/L	10,881	10,976	12,434	13,055	11,837	200.7
Aluminum Oxide (Al2O3)	mg/L	0.11	0.11	0.17	0.16	0.14	200.7
Silica (SiO2)	mg/L	0.14	0.08	0.13	0.11	0.12	200.7
Sulfate (SO4)	mg/L	34,551	38,344	41,327	41,164	38,847	A1000

All tests are run at ambient temperature.

Methods may be referenced to U.S. E.P.A. Methods for the Chemical Analysis of Water and Wastes, and Standard Methods for the Examination of Water and Wastewater.

Approved by:  Date: 7/11/08

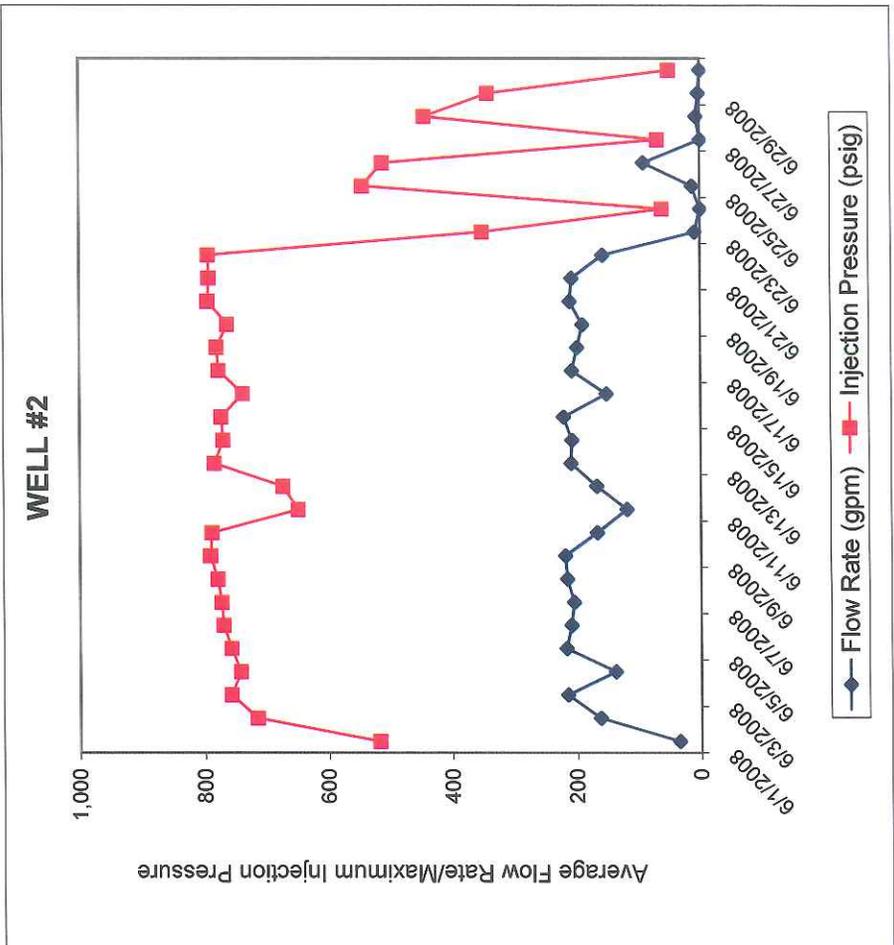
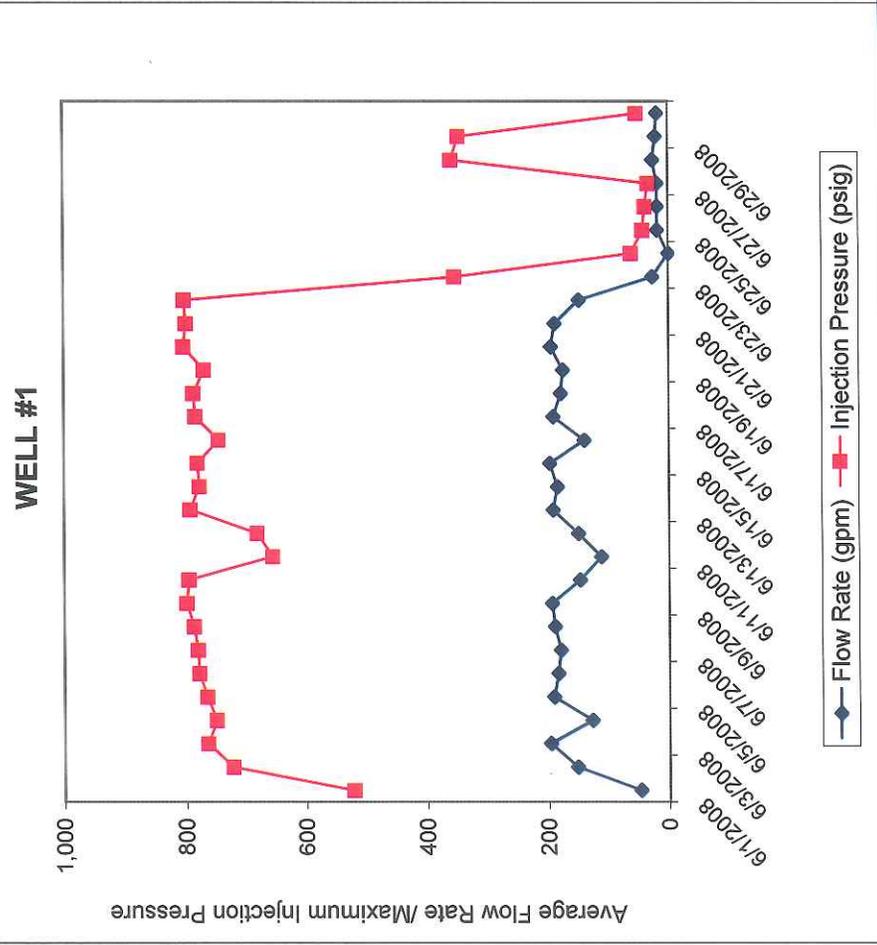
ATTACHMENT II
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #1
June, 2008

Date	Flow Rate (gpm)		Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)			Total Flow Injected	Min. Tubel/Annulus Differential Pressure	Temp.	Note
	Avg.	Max	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.				
1-Jun	49	127	205	522	53	764	825	726	61	64	59	70,069	266	99	
2-Jun	153	208	579	723	107	951	1,096	735	66	74	58	220,597	187	110	
3-Jun	197	221	722	765	143	1,044	1,096	973	75	76	73	284,224	242	121	
4-Jun	129	200	503	750	45	901	1,003	762	72	76	66	185,045	165	116	
5-Jun	192	221	736	766	173	1,061	1,076	972	74	77	71	276,494	256	121	
6-Jun	185	235	742	779	182	1,036	1,109	988	76	77	74	265,702	221	121	
7-Jun	181	230	733	781	228	1,043	1,086	951	75	76	71	259,923	233	120	
8-Jun	190	201	765	787	493	1,024	1,068	987	77	78	76	273,300	220	121	
9-Jun	194	217	762	799	178	1,057	1,113	996	75	78	73	279,702	214	121	
10-Jun	148	210	660	795	236	923	1,025	852	73	76	71	213,018	185	115	
11-Jun	113	162	499	666	77	833	915	786	69	71	65	162,303	199	110	
12-Jun	150	164	645	682	590	899	966	854	71	75	70	216,638	191	114	
13-Jun	192	218	747	793	593	1,004	1,065	958	76	77	75	276,923	203	120	
14-Jun	185	203	753	778	739	1,062	1,120	980	74	76	73	266,793	237	120	
15-Jun	198	201	777	781	742	1,056	1,115	999	75	76	73	284,563	222	120	
16-Jun	140	181	585	746	59	935	1,019	785	74	76	68	202,296	213	117	
17-Jun	192	217	726	784	395	1,020	1,075	792	71	74	65	276,550	199	116	
18-Jun	179	212	719	787	227	1,000	1,052	945	75	75	73	258,286	233	119	
19-Jun	176	210	711	770	369	989	1,067	940	72	75	68	252,750	204	116	
20-Jun	195	236	757	803	228	1,050	1,074	1,004	76	78	74	281,262	245	122	
21-Jun	189	208	773	799	752	1,001	1,040	969	78	78	77	272,303	213	121	
22-Jun	149	208	636	802	352	978	1,094	876	74	78	70	214,440	185	118	
23-Jun	27	76	119	354	62	754	876	696	64	70	62	39,096	431	101	
24-Jun	0	0	53	62	43	677	696	657	61	62	60	0	614	91	
25-Jun	19	19	38	43	35	644	657	633	60	60	59	27,360	597	85	
26-Jun	19	19	38	39	34	624	633	617	59	59	59	27,360	583	82	1
27-Jun	19	19	30	34	26	790	1,005	608	54	59	49	27,360	578	82	
28-Jun	26	120	77	359	24	909	951	846	48	50	44	37,591	495	77	
29-Jun	22	83	67	347	52	870	888	829	48	50	46	31,051	490	71	
30-Jun	19	19	49	53	45	848	872	837	50	54	49	27,360	792	69	
Summary	128	236	507	803	24	926	1120	608	68	78	44	5,510,358	165	108	

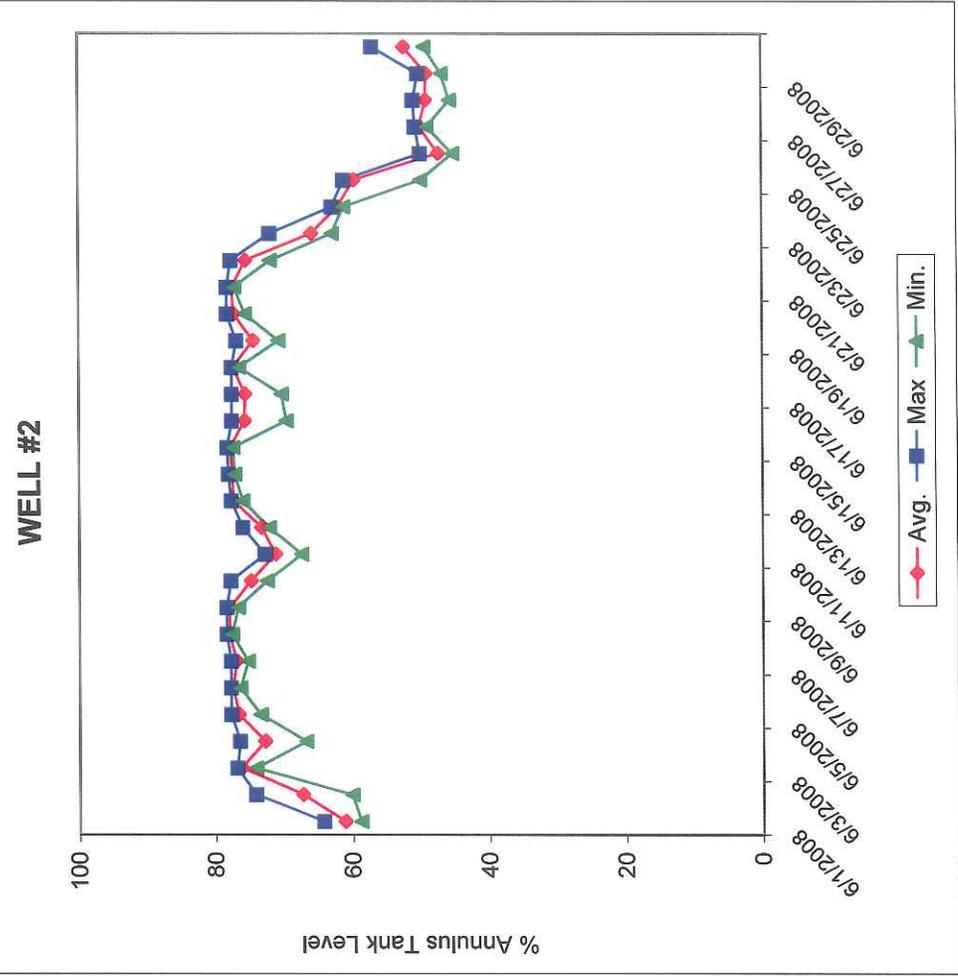
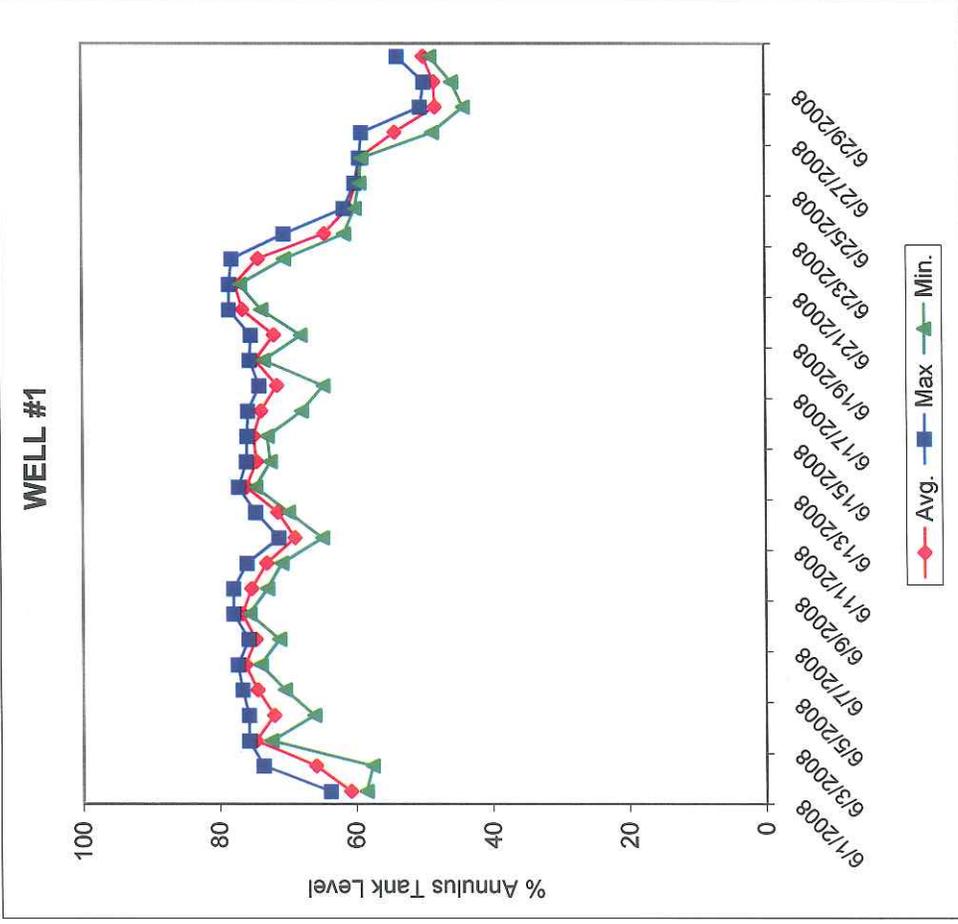
ATTACHMENT III
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #2
June, 2008

Date	Flow Rate (gpm)		Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)		Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note	
	Avg.	Max	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max					
1-Jun	36	127	0	203	518	53	828	61	64	59	51,560	373	101		
2-Jun	163	221	0	573	716	105	851	67	74	60	235,159	267	109		
3-Jun	216	239	0	715	758	142	1,027	76	77	74	311,089	323	120		
4-Jun	139	227	0	498	743	44	829	73	77	67	199,946	219	116		
5-Jun	218	230	0	728	758	171	981	77	78	74	313,882	272	121		
6-Jun	210	232	0	735	771	180	1,041	77	78	76	301,769	308	121		
7-Jun	206	241	0	726	774	226	1,002	77	78	75	296,090	265	120		
8-Jun	216	228	46	758	780	482	1,052	78	78	78	311,537	285	121		
9-Jun	219	241	0	755	792	177	1,004	78	78	77	315,652	243	121		
10-Jun	168	237	0	653	789	235	876	75	78	73	242,086	208	114		
11-Jun	120	184	0	494	649	76	775	71	73	68	173,234	203	110		
12-Jun	169	184	138	637	674	583	874	73	76	72	242,648	218	113		
13-Jun	210	239	138	740	785	587	1,006	77	78	76	302,254	248	120		
14-Jun	208	224	195	745	771	732	1,018	78	78	77	299,703	266	120		
15-Jun	222	227	197	770	774	735	1,011	78	78	77	318,991	245	120		
16-Jun	153	206	0	580	739	59	804	76	78	70	220,252	241	117		
17-Jun	208	234	27	720	778	399	814	76	78	70	299,879	193	116		
18-Jun	200	235	0	713	781	226	952	77	78	77	287,305	204	119		
19-Jun	191	223	0	705	764	362	924	74	77	71	275,289	168	115		
20-Jun	211	245	0	750	795	228	1,056	77	78	76	304,109	312	122		
21-Jun	208	228	193	766	793	747	1,077	78	78	77	299,538	304	121		
22-Jun	158	222	19	631	794	350	909	76	78	72	227,863	228	118		
23-Jun	9	66	0	119	352	62	730	66	72	63	13,534	463	102		
24-Jun	0	0	0	53	62	43	693	62	63	61	0	650	94		
25-Jun	13	133	0	87	544	34	690	60	61	50	18,735	409	89		
26-Jun	92	135	0	347	512	69	864	47	50	45	132,879	417	74	2	
27-Jun	0	0	0	61	69	55	919	50	51	49	0	850	88		
28-Jun	7	131	0	90	444	51	919	49	51	46	9,598	563	84		
29-Jun	2	57	0	66	342	50	930	49	50	47	3,430	594	83		
30-Jun	0	0	0	47	51	44	680	52	57	49	0	636	86		
Summary	139	245	0	515	795	34	680	70	78	45	6,008,011	168	109		

ATTACHMENT IV
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
 June, 2008



ATTACHMENT V
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
 June, 2008



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CERTIFIED MAIL NO.: 7004 2510 0001 2680 7904
RETURN RECEIPT REQUESTED

August 18, 2008

Ms. Lisa R. Perenchio, Chief
United States Environmental Protection Agency
77 West Jackson Blvd (WU-16J)
Chicago, Illinois 60604-3590
ATTN: UIC Branch, Direct Implementation



RECEIVED

AUG 26 2008

UIC BRANCH
EPA REGION 5

Re: UIC Permits IN-091-11-0001 and IN-091-11-0002

Dear Ms. Perenchio:

The following Monthly Report for July 2008 is being submitted in compliance with the referenced Permits Part II(D)(1)(a) thru (f).

The reporting data are as follows:

- (a) The analysis of the injection fluid for the month is submitted as Attachment I. Samples and measurements taken for monitoring conform to the requirements of Part I (E) (10) and Part II (C) (3) of the Permits.
- (b) A tabulation of maximum injection pressure, daily maximum and minimum annulus tank levels, and minimum differential between simultaneous measurements of injection pressure and annulus pressure for each day of the month for Well #1 and Well #2 are shown in Attachments II and III respectively.
- (c) Daily maximum injection pressure and daily average flow rate are shown for Well #1 and Well #2 in Attachment IV. Daily maximum and minimum annulus tank levels for Well #1 and Well #2 are shown in Attachment V.
- (d) A statement of the total volumes of the fluid injected to date, in the current calendar year, and the current month:

Cumulative volume injected		
Well #1	1,391,271,549	Gallons
Well #2	1,400,746,686	Gallons
Volume injected year-to-date		
Well #1	45,606,100	Gallons
Well #2	54,034,673	Gallons
Volume injected this month		
Well #1	6,591,761	Gallons
Well #2	6,405,007	Gallons
- (e) A tabulation of the dates and amounts of water added to or removed from the annulus systems during the month, and the cumulative additions and cumulative subtractions for the current month and each of the past 13 months are included in Attachment VI for Well #1 and Well #2.
- (f) Injection operating summary of compliance, alarms and scheduled maintenance is listed below.

Well #1: The following non-compliance event(s) occurred:

None occurred.

Well #1: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Well #2: The following non-compliance event(s) occurred:

None occurred.

Well #2: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Please note that any events in section (f) above are referenced in the notes in Attachments II and III.

I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Please contact me at Criterion as necessary with any questions regarding this data or report.

Sincerely,



Jesse Trent
HSSE Advisor
Criterion Catalysts & Technologies L.P.

WATCON, INC
 2215 SOUTH MAIN
 P.O. BOX 2829
 SOUTH BEND, IN 46680
 (574) 287-3397, (574) 287-2427 fax

WEEKLY DEEPWELL ANALYSIS
 MONTH-END SUMMARY

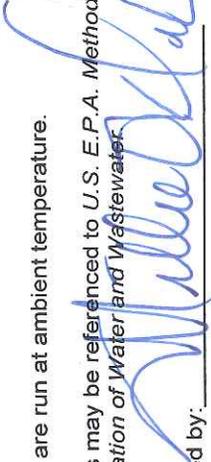
Client:
 Criterion Catalyst
 1800 East US HWY 12
 Michigan City, IN 46360

Attn: Mr. Frank Pierrat

WEEK ENDING	UNITS	7/7/2008	7/14/2008	7/21/2008	7/28/2008	AVERAGE	METHOD
pH @ 25.7 C	s.u.	6.95	7.25	7.30	7.29	7.20	150.1
Specific Gravity	g/mL	1.003	1.027	1.038	1.045	1.028	ASTM
Total Dissolved Solids	mg/L	13,382	38,792	48,972	53,338	38,621	160.1
Total Suspended Solids	mg/L	0.8	1.2	2.4	2.6	1.8	160.2
Sodium Oxide (Na2O)	mg/L	5,157	13,635	15,120	17,010	12,731	200.7
Aluminum Oxide (Al2O3)	mg/L	7.94	0.12	0.12	0.06	2.06	200.7
Silica (SiO2)	mg/L	0.63	0.32	0.23	0.27	0.36	200.7
Sulfate (SO4)	mg/L	8,802	29,313	38,916	42,203	29,809	A1000

All tests are run at ambient temperature.

Methods may be referenced to U.S. E.P.A. Methods for the Chemical Analysis of Water and Wastes, and Standard Methods for the Examination of Water and Wastewater.

Approved by: 

Date: 8/4/08

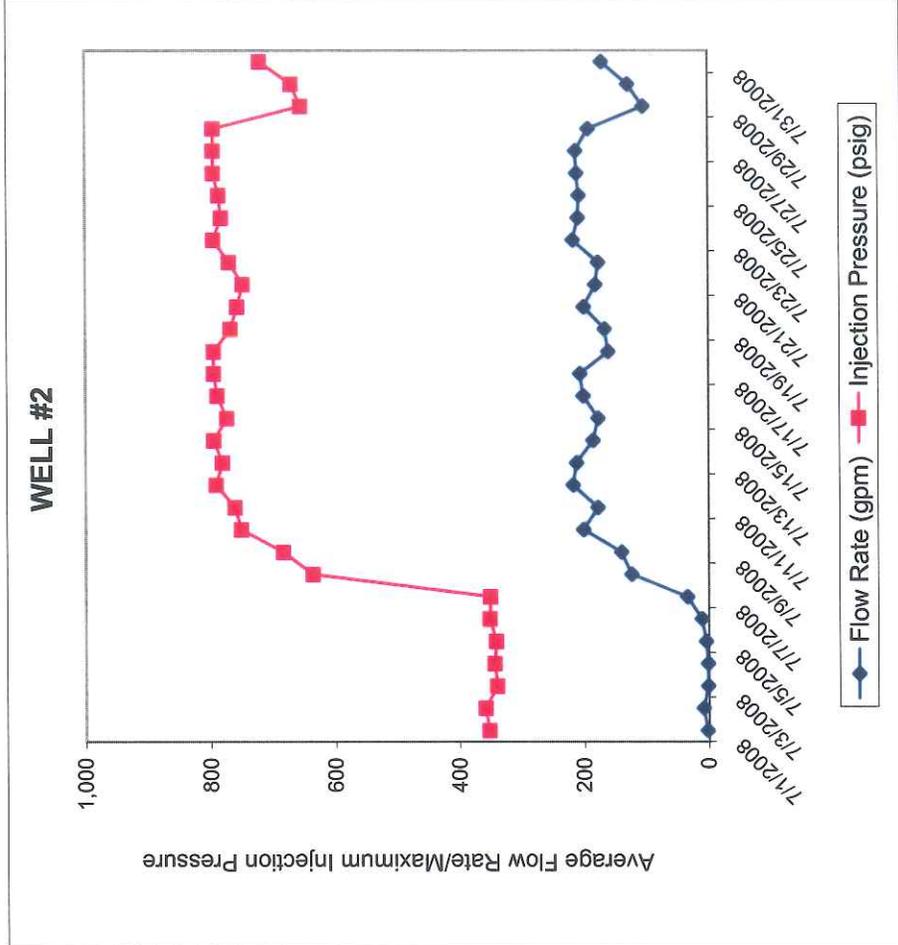
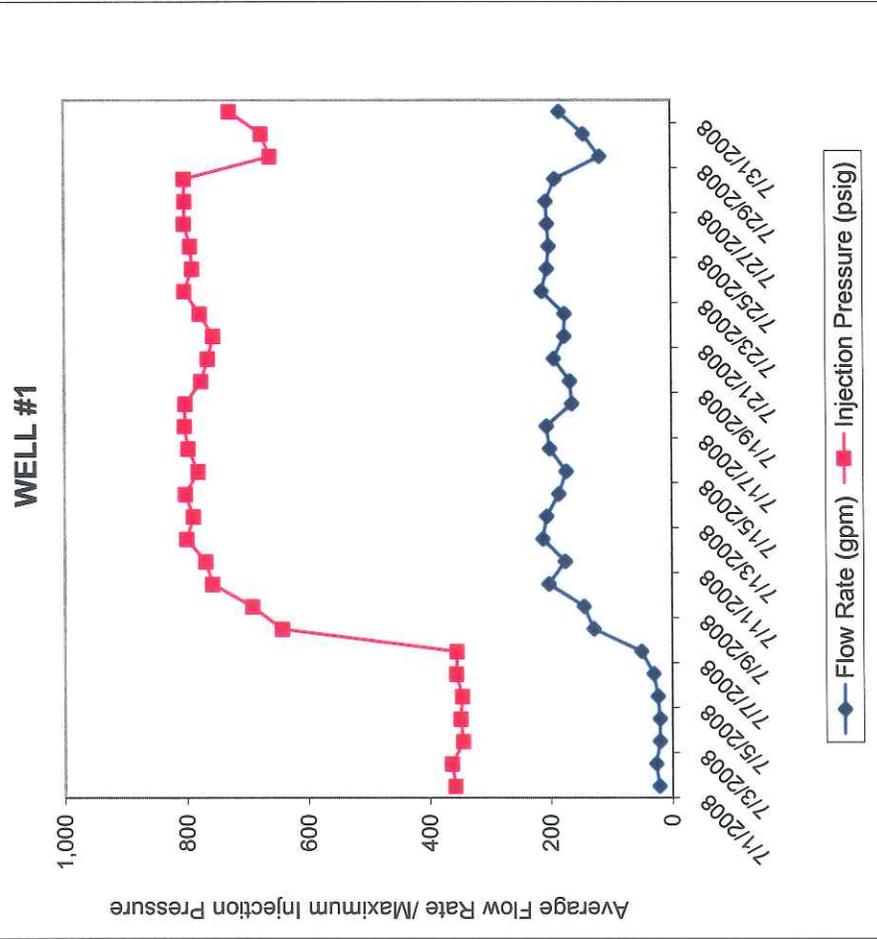
ATTACHMENT II
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #1
July, 2008

Date	Flow Rate (gpm)		Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)		Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note	
	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.	Max					
1-Jul	22	83	19	61	358	43	823	839	784	50	51	47	30,969	434	71
2-Jul	27	80	0	93	364	45	809	828	762	49	51	45	38,453	406	73
3-Jul	20	78	19	56	345	45	800	811	777	49	51	47	29,376	441	73
4-Jul	20	80	19	55	349	43	788	797	763	49	50	47	29,476	421	73
5-Jul	24	80	19	67	347	41	784	798	755	50	51	48	33,967	415	73
6-Jul	30	83	19	107	356	44	764	789	732	48	50	46	43,505	384	74
7-Jul	51	85	19	229	355	50	753	772	742	48	49	47	72,814	391	75
8-Jul	130	203	19	440	643	37	879	982	760	57	64	48	186,781	251	97
9-Jul	146	214	19	536	692	34	995	1,026	906	65	67	61	209,695	296	111
10-Jul	203	221	171	714	758	667	1,082	1,146	1,010	71	74	66	291,977	319	118
11-Jul	176	250	0	677	769	75	1,026	1,070	952	73	75	70	253,326	256	119
12-Jul	212	231	33	777	800	312	1,047	1,066	1,028	75	75	74	305,409	237	120
13-Jul	206	210	193	781	789	764	1,028	1,055	1,017	75	76	75	296,401	235	120
14-Jul	186	225	0	691	802	61	983	1,028	888	74	76	70	268,127	195	119
15-Jul	174	240	127	696	781	585	964	1,024	911	74	77	72	250,531	182	118
16-Jul	201	220	0	753	797	161	1,033	1,069	982	76	77	74	288,999	185	121
17-Jul	206	243	33	776	803	371	1,020	1,046	981	76	76	75	296,590	203	120
18-Jul	165	213	0	638	802	59	987	1,040	907	73	76	65	237,437	177	117
19-Jul	168	210	0	652	776	59	1,039	1,069	919	72	73	67	241,491	275	118
20-Jul	194	210	170	737	765	701	1,015	1,040	974	72	73	70	279,477	239	117
21-Jul	177	202	161	716	756	682	1,023	1,034	1,006	73	74	73	254,205	274	118
22-Jul	176	222	0	698	778	113	1,012	1,101	909	71	73	67	253,453	166	115
23-Jul	213	228	175	785	803	740	1,103	1,132	1,058	72	73	70	307,055	278	119
24-Jul	204	216	185	775	790	751	1,071	1,080	1,060	72	73	72	294,241	280	118
25-Jul	201	211	194	776	793	765	1,081	1,108	1,061	73	74	73	290,082	287	120
26-Jul	204	210	194	801	803	788	1,110	1,130	1,075	75	76	74	293,242	272	122
27-Jul	206	213	197	802	802	802	1,062	1,092	1,037	74	75	73	296,914	235	120
28-Jul	191	207	130	784	803	651	1,034	1,063	938	74	75	70	275,256	208	118
29-Jul	118	154	0	554	661	121	869	938	822	67	70	64	169,212	213	106
30-Jul	145	182	73	615	676	331	870	981	820	64	66	61	208,496	181	104
31-Jul	184	221	0	675	728	111	986	1,012	942	66	68	64	264,802	238	110
Summary	148	250	0	565	803	34	963	1146	732	66	77	45	6,591,761	166	106

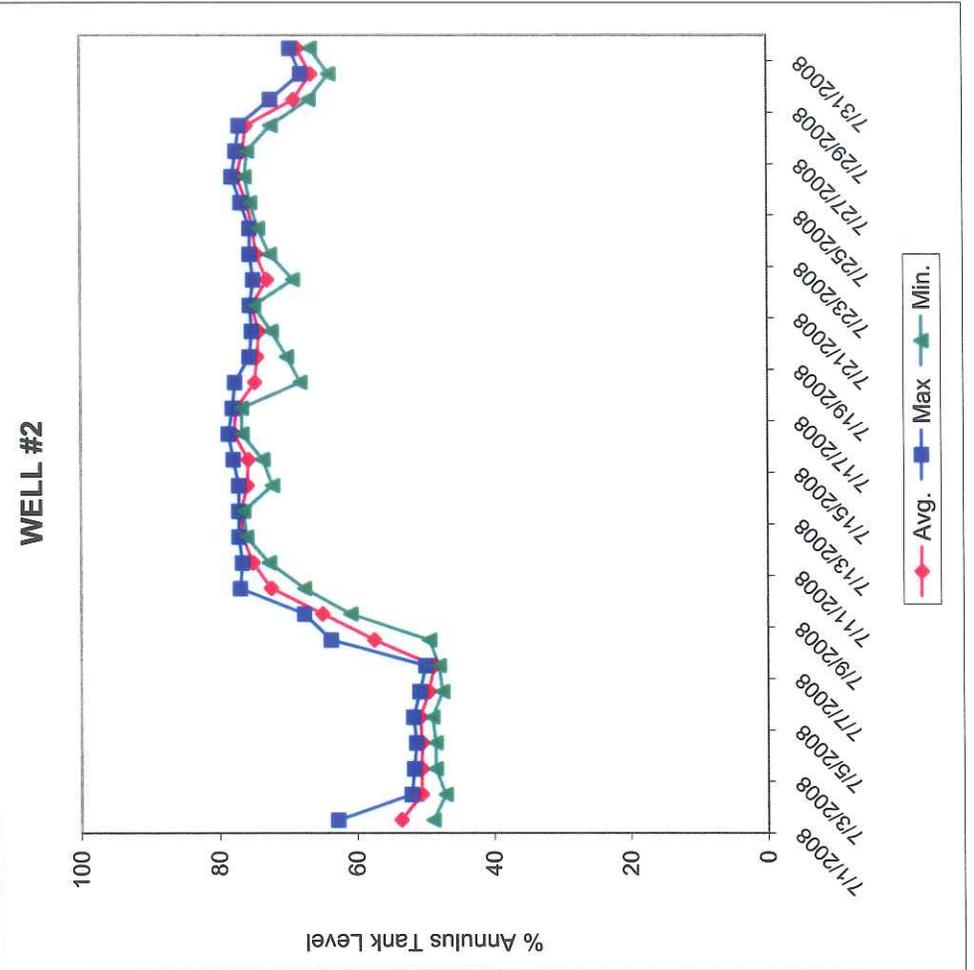
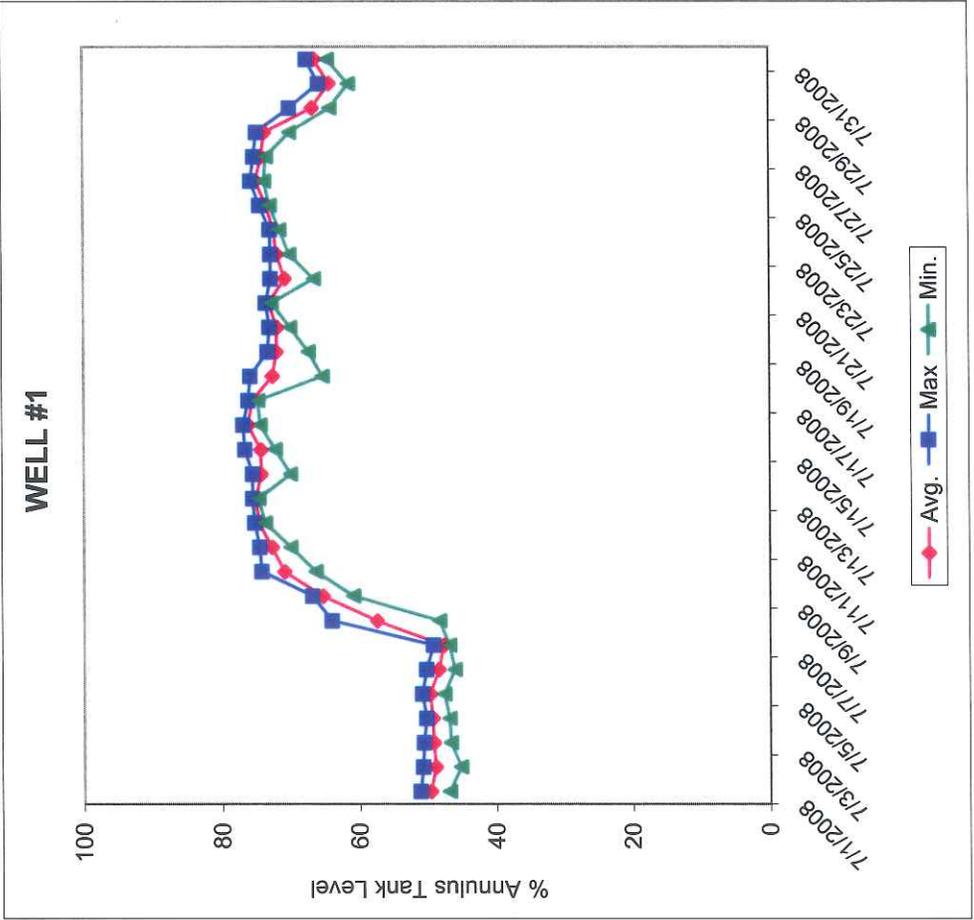
ATTACHMENT III
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #2
July, 2008

Date	Flow Rate (gpm)		Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)			Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note
	Avg.	Max	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.				
1-Jul	3	60	59	353	42	789	899	548	53	63	49	3,602	492	83	
2-Jul	8	63	91	359	44	867	886	820	51	52	47	12,165	466	82	
3-Jul	1	60	54	340	44	865	879	841	51	52	49	2,115	511	80	
4-Jul	2	60	53	344	42	860	871	831	51	51	49	2,236	492	80	
5-Jul	4	60	66	342	40	862	874	832	51	52	49	6,436	497	83	
6-Jul	11	60	105	352	43	846	869	814	50	51	48	16,004	467	79	
7-Jul	34	63	225	351	48	838	857	827	49	50	48	49,281	476	77	
8-Jul	124	206	435	636	36	983	1,101	849	57	64	49	179,026	358	98	
9-Jul	141	213	530	684	34	1,110	1,148	1,009	65	68	61	202,624	343	111	
10-Jul	201	219	706	751	660	1,116	1,198	1,048	72	77	68	289,538	322	118	
11-Jul	178	235	671	761	75	1,021	1,067	950	75	77	73	256,875	257	118	
12-Jul	217	231	769	791	311	1,053	1,069	1,038	77	77	76	313,040	250	120	
13-Jul	212	217	773	781	757	1,043	1,068	1,029	77	77	76	304,714	254	120	
14-Jul	186	221	685	795	61	1,001	1,047	901	76	77	72	267,891	210	118	
15-Jul	178	235	689	774	579	989	1,060	927	76	78	74	255,717	200	118	
16-Jul	201	220	745	789	159	1,048	1,073	1,006	78	79	77	289,596	223	121	
17-Jul	206	229	768	795	369	1,020	1,045	998	77	78	77	297,243	207	120	
18-Jul	161	216	632	795	58	982	1,024	884	75	78	68	232,380	185	117	
19-Jul	167	215	646	768	59	1,032	1,062	907	74	76	70	240,647	272	118	
20-Jul	200	217	730	757	694	1,010	1,041	959	74	75	72	288,168	234	116	
21-Jul	182	205	709	748	676	1,026	1,035	1,011	75	75	75	261,432	284	118	
22-Jul	177	225	691	770	112	1,010	1,098	916	73	75	69	255,364	169	115	
23-Jul	217	228	777	795	731	1,088	1,130	1,035	74	75	73	312,100	263	118	
24-Jul	209	220	767	782	742	1,053	1,066	1,040	75	75	74	300,295	268	118	
25-Jul	207	216	769	786	758	1,069	1,098	1,047	76	77	75	298,194	282	120	
26-Jul	211	217	793	795	781	1,102	1,123	1,061	77	78	76	303,311	266	122	
27-Jul	212	220	795	795	795	1,048	1,082	1,021	76	77	76	305,769	226	119	
28-Jul	192	212	776	795	644	1,021	1,054	916	76	77	72	277,113	197	118	
29-Jul	104	133	548	654	118	844	916	801	69	72	67	150,170	192	106	
30-Jul	129	173	608	669	333	848	966	798	66	68	64	185,602	166	103	
31-Jul	171	204	667	720	109	974	1,002	925	68	70	67	246,358	228	109	
Summary	143	235	559	795	34	981	1198	548	68	79	47	6,405,007	166	108	

ATTACHMENT IV
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
July, 2008



ATTACHMENT V
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
 July, 2008



CERTIFIED MAIL NO.: 7004 2510 0001 2680 7911
RETURN RECEIPT REQUESTED

September 5, 2008

Ms. Lisa R. Perenchio, Chief
United States Environmental Protection Agency
77 West Jackson Blvd (WU-16J)
Chicago, Illinois 60604-3590
ATTN: UIC Branch, Direct Implementation



RECEIVED

OCT 02 2008

UIC BRANCH
EPA REGION 5

Re: UIC Permits IN-091-11-0001 and IN-091-11-0002

Dear Ms. Perenchio:

The following Monthly Report for August 2008 is being submitted in compliance with the referenced Permits Part II(D)(1)(a) thru (f).

The reporting data are as follows:

- (a) The analysis of the injection fluid for the month is submitted as Attachment I. Samples and measurements taken for monitoring conform to the requirements of Part I (E) (10) and Part II (C) (3) of the Permits.
- (b) A tabulation of maximum injection pressure, daily maximum and minimum annulus tank levels, and minimum differential between simultaneous measurements of injection pressure and annulus pressure for each day of the month for Well #1 and Well #2 are shown in Attachments II and III respectively.
- (c) Daily maximum injection pressure and daily average flow rate are shown for Well #1 and Well #2 in Attachment IV. Daily maximum and minimum annulus tank levels for Well #1 and Well #2 are shown in Attachment V.
- (d) A statement of the total volumes of the fluid injected to date, in the current calendar year, and the current month:

Cumulative volume injected
Well #1 1,398,502,444 Gallons
Well #2 1,407,440,621 Gallons

Volume injected year-to-date
Well #1 52,836,995 Gallons
Well #2 60,728,608 Gallons

Volume injected this month
Well #1 7,230,895 Gallons
Well #2 6,693,935 Gallons

- (e) A tabulation of the dates and amounts of water added to or removed from the annulus systems during the month, and the cumulative additions and cumulative subtractions for the current month and each of the past 13 months are included in Attachment VI for Well #1 and Well #2.
- (f) Injection operating summary of compliance, alarms and scheduled maintenance is listed below.

Well #1: The following non-compliance event(s) occurred:

None occurred.

Well #1: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Well #2: The following non-compliance event(s) occurred:

None occurred.

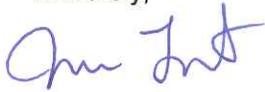
Well #2: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Please note that any events in section (f) above are referenced in the notes in Attachments II and III.

I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Please contact me at Criterion as necessary with any questions regarding this data or report.

Sincerely,



Jesse Trent
HSSE Advisor
Criterion Catalysts & Technologies L.P.

WATCON, INC
 2215 SOUTH MAIN
 P.O. BOX 2829
 SOUTH BEND, IN 46680
 (574) 287-3397, (574) 287-2427 fax

WEEKLY DEEPWELL ANALYSIS
 MONTH-END SUMMARY

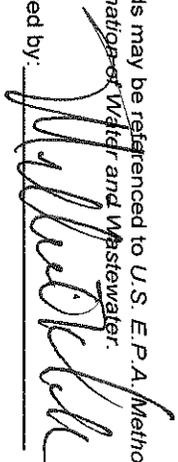
Client: Criterion Catalyst
 1800 East US HWY 12
 Michigan City, IN 46360

Attn: Mr. Frank Pierrat

WEEK ENDING	UNITS	8/4/2008	8/11/2008	8/18/2008	8/4/2008	AVERAGE	METHOD
pH @ 25.7 C	s.u.	7.25	7.19	7.21	7.31	7.24	150.1
Specific Gravity	g/mL	1.039	1.019	1.010	1.041	1.027	ASTM
Total Dissolved Solids	mg/L	49,384	21,265	18,709	48,543	34,475	160.1
Total Suspended Solids	mg/L	2.4	0.8	1.2	2.6	1.8	160.2
Sodium Oxide (Na2O)	mg/L	14,175	8,910	5,535	13,905	10,631	200.7
Aluminum Oxide (Al2O3)	mg/L	0.68	0.25	0.15	0.47	0.39	200.7
Silica (SiO2)	mg/L	1.69	1.47	0.98	2.36	1.63	200.7
Sulfate (SO4)	mg/L	39,558	14,320	11,756	39,553	26,297	A1000

All tests are run at ambient temperature.

Methods may be referenced to U.S. E.P.A. Methods for the Chemical Analysis of Water and Wastes, and Standard Methods for the Examination of Water and Wastewater.

Approved by:  Date: 9/10/08

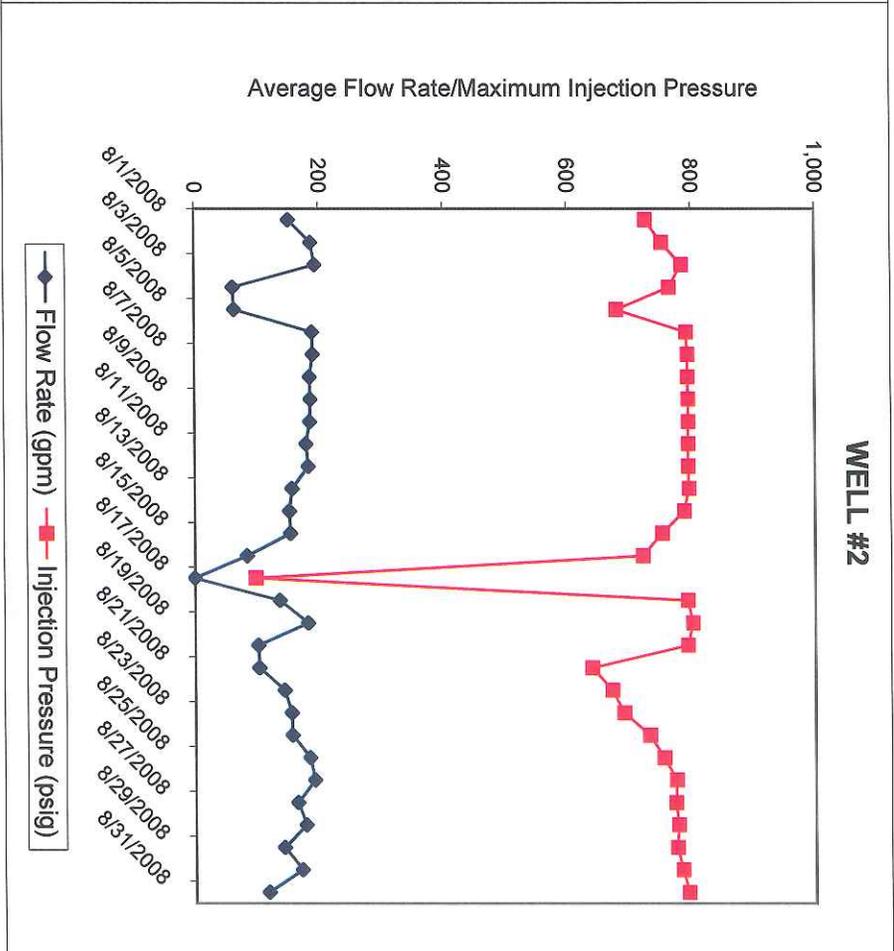
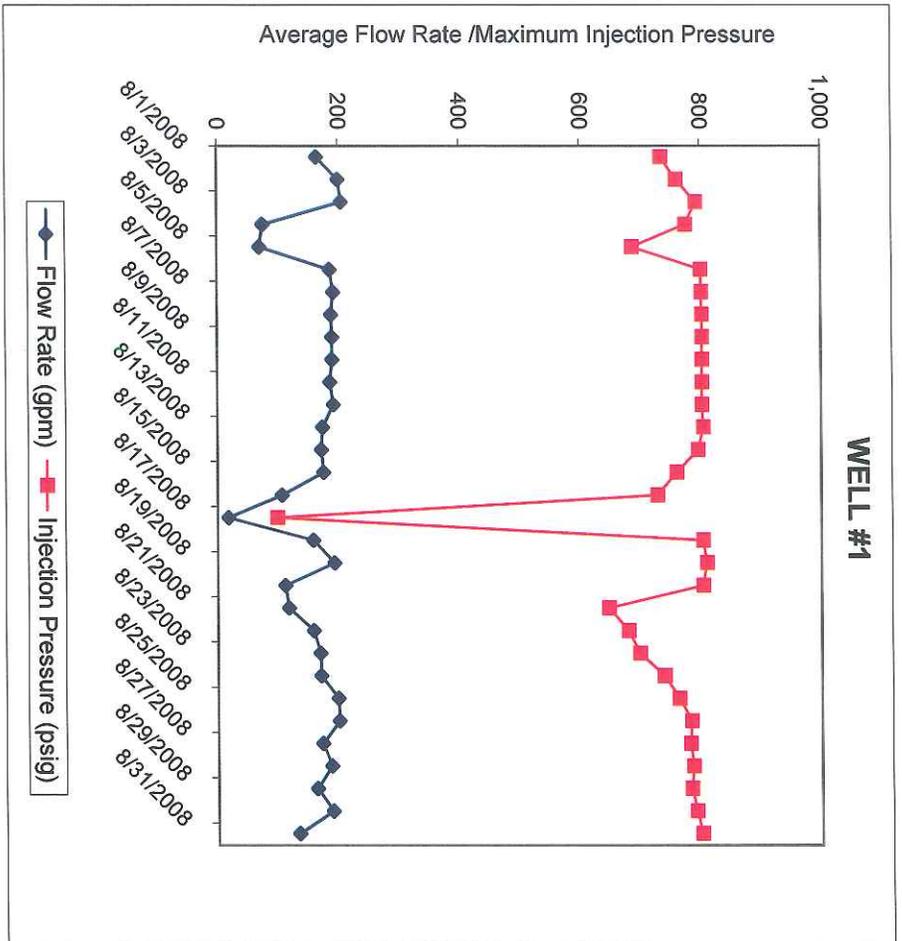
ATTACHMENT II
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #1
August, 2008

Date	Flow Rate (gpm)			Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)			Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note
	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.				
1-Aug	165	209	89	650	735	417	1,000	1,019	961	67	68	66	238,117	276	112	
2-Aug	201	220	188	749	760	728	1,084	1,102	1,019	71	72	68	289,205	277	118	
3-Aug	206	228	0	763	793	130	1,108	1,130	1,047	73	74	71	296,871	321	120	
4-Aug	76	224	0	322	775	62	947	1,111	859	66	73	60	109,960	178	110	
5-Aug	71	177	0	323	687	63	895	986	845	60	65	57	102,723	244	102	
6-Aug	186	207	0	747	801	123	1,093	1,146	962	70	72	64	268,439	298	118	
7-Aug	192	203	46	792	802	392	1,107	1,125	1,079	71	72	71	276,768	297	118	
8-Aug	189	194	184	803	803	802	1,082	1,099	1,049	71	71	70	271,826	246	117	
9-Aug	191	204	0	780	803	162	1,052	1,078	987	71	72	68	274,373	240	116	
10-Aug	190	198	185	803	803	803	1,062	1,078	1,053	72	72	72	274,104	250	118	
11-Aug	187	191	182	803	803	803	1,035	1,058	1,003	71	72	70	268,718	200	116	
12-Aug	192	198	188	803	803	802	1,009	1,021	996	71	71	70	277,199	193	115	
13-Aug	174	209	0	724	805	126	1,029	1,071	977	69	71	65	250,384	177	114	
14-Aug	172	203	137	734	796	651	1,049	1,064	1,031	68	69	68	247,380	264	114	
15-Aug	175	181	102	755	760	531	1,050	1,061	1,029	69	69	68	252,553	280	115	
16-Aug	106	163	19	503	728	99	1,003	1,050	890	67	69	62	153,236	296	113	
17-Aug	19	27	19	80	99	68	836	890	810	58	62	57	27,408	742	101	
18-Aug	158	253	0	599	804	66	969	1,106	806	66	72	56	228,220	233	111	
19-Aug	193	247	0	723	810	91	1,078	1,161	975	71	74	67	278,356	248	118	
20-Aug	112	220	0	425	804	27	1,010	1,159	845	69	74	61	160,905	297	115	
21-Aug	118	169	0	481	647	25	930	988	838	66	69	60	169,677	311	110	
22-Aug	159	181	0	628	679	122	988	1,007	946	69	70	67	228,373	317	114	
23-Aug	169	184	134	670	698	587	1,003	1,013	991	70	70	70	243,625	299	115	
24-Aug	170	208	155	678	738	654	982	1,014	968	70	71	69	245,465	238	114	
25-Aug	199	216	54	739	762	378	1,049	1,082	978	73	74	71	286,824	241	119	
26-Aug	201	218	100	759	783	488	1,062	1,080	1,039	74	75	74	289,022	272	120	
27-Aug	173	211	50	696	781	320	1,019	1,061	966	73	74	71	249,463	212	118	
28-Aug	188	209	133	735	786	602	1,040	1,059	994	74	75	72	270,220	229	120	
29-Aug	164	235	0	665	783	119	1,025	1,055	961	74	75	72	235,603	249	120	
30-Aug	190	217	97	748	792	441	1,046	1,064	1,023	75	76	75	273,121	247	121	
31-Aug	134	223	0	572	801	78	1,003	1,064	866	74	76	68	192,759	244	120	
Summary	162	253	0	653	810	25	1021	1161	806	70	76	56	7,230,895	177	115	

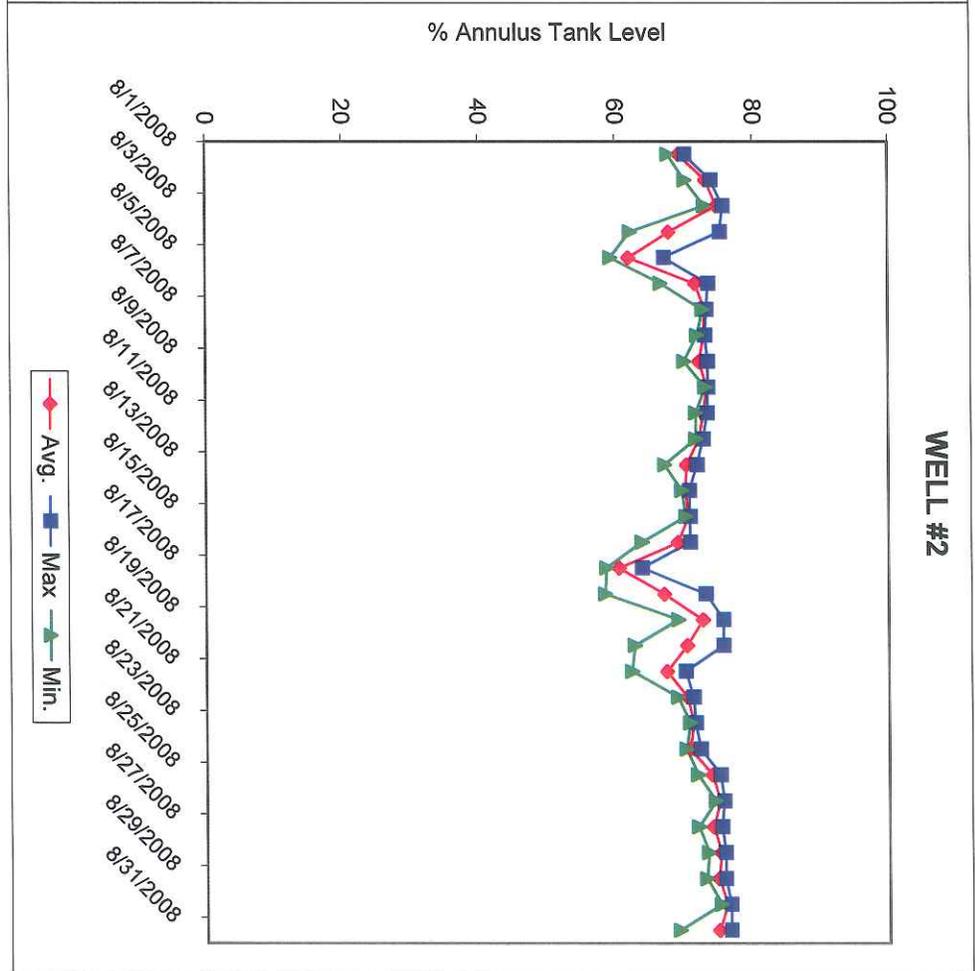
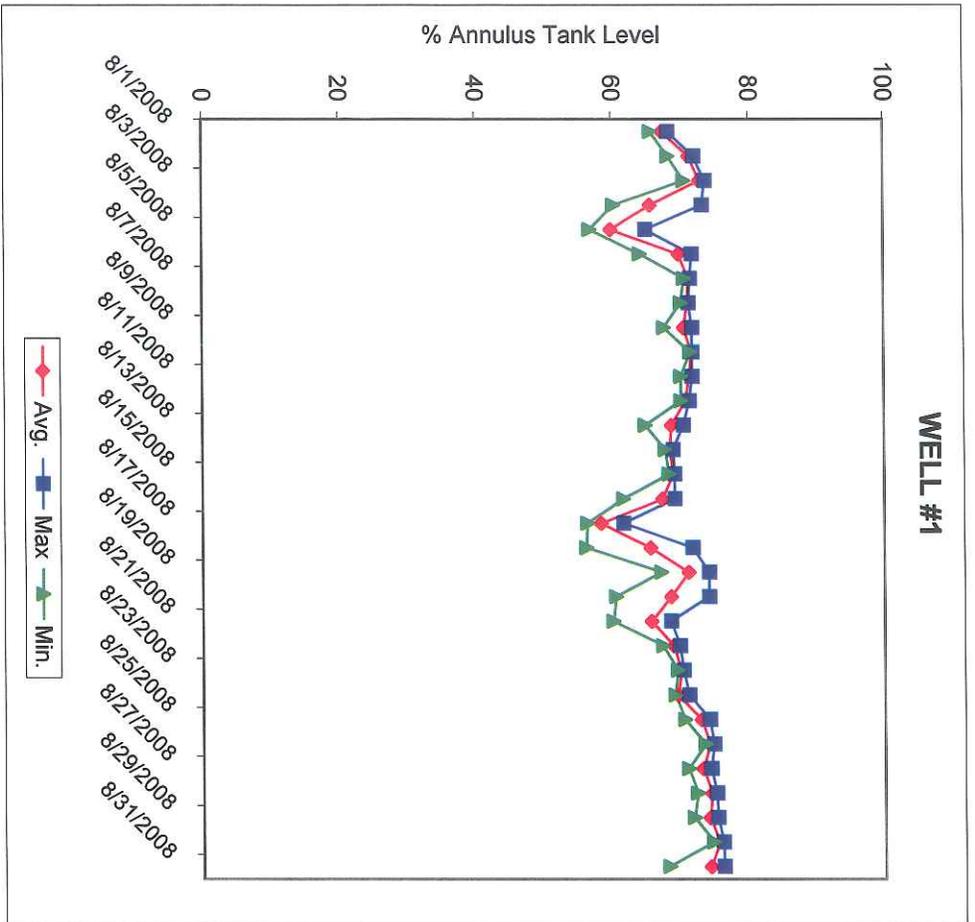
ATTACHMENT III
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #2
August, 2008

Date	Flow Rate (gpm)			Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)			Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note
	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.				
1-Aug	152	198	85	642	727	417	992	1,013	950	69	70	68	218,902	271	111	
2-Aug	188	206	175	741	753	721	1,086	1,104	1,013	73	74	70	270,408	280	118	
3-Aug	195	210	0	755	785	129	1,107	1,128	1,058	75	76	73	280,430	327	120	
4-Aug	63	236	0	318	765	62	934	1,108	835	68	75	62	91,021	169	110	
5-Aug	65	177	0	319	680	63	881	980	823	62	67	59	94,155	232	101	
6-Aug	190	210	0	740	793	123	1,096	1,151	965	72	74	67	273,564	300	117	
7-Aug	191	207	33	785	795	389	1,108	1,127	1,092	73	73	73	274,832	304	118	
8-Aug	186	194	177	795	795	795	1,081	1,099	1,046	73	73	72	267,280	251	117	
9-Aug	187	203	0	773	796	162	1,051	1,082	991	72	74	70	269,038	246	116	
10-Aug	186	196	176	795	796	795	1,066	1,082	1,055	73	74	73	267,423	260	117	
11-Aug	180	187	174	796	796	796	1,038	1,062	1,004	73	73	72	258,819	208	116	
12-Aug	183	193	175	796	796	796	1,012	1,028	1,000	72	73	72	263,948	204	115	
13-Aug	157	196	0	718	797	125	1,021	1,056	964	70	72	67	225,570	190	113	
14-Aug	153	184	120	728	789	645	1,036	1,050	1,018	70	71	70	220,089	258	114	
15-Aug	154	160	83	748	753	530	1,037	1,050	1,026	71	71	70	222,034	273	114	
16-Aug	85	143	0	499	722	99	988	1,038	870	69	71	64	122,431	289	113	
17-Aug	0	0	0	79	99	67	816	870	791	61	64	59	0	724	101	
18-Aug	137	226	0	593	795	66	959	1,108	789	67	73	59	197,281	225	110	
19-Aug	182	235	0	715	803	89	1,080	1,169	975	73	76	69	262,800	251	118	
20-Aug	103	219	0	421	795	27	1,004	1,165	826	70	76	63	147,685	305	117	
21-Aug	104	159	0	476	640	25	917	980	819	67	70	62	149,914	301	109	
22-Aug	144	165	0	622	672	120	984	1,005	949	70	71	69	207,705	320	113	
23-Aug	155	173	123	663	691	580	1,003	1,015	989	71	72	71	223,500	307	114	
24-Aug	156	197	139	671	732	647	985	1,026	971	71	72	70	225,199	248	113	
25-Aug	185	199	50	732	755	371	1,063	1,101	1,000	74	75	72	266,118	255	119	
26-Aug	192	204	57	752	775	489	1,077	1,095	1,052	75	76	74	276,815	291	120	
27-Aug	165	205	27	690	774	316	1,031	1,075	969	74	75	72	237,347	226	118	
28-Aug	178	202	124	728	778	596	1,056	1,077	1,008	75	76	73	256,352	249	120	
29-Aug	143	222	0	658	776	118	1,038	1,069	984	75	76	73	205,889	266	120	
30-Aug	171	198	78	740	785	448	1,063	1,083	1,036	76	77	75	246,918	265	121	
31-Aug	118	201	0	566	795	71	1,017	1,083	869	75	77	69	170,466	267	119	
Summary	150	236	0	647	803	25	1020	1169	789	71	77	59	6,693,935	169	115	

ATTACHMENT IV
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
 August, 2008



ATTACHMENT V
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
August, 2008



CERTIFIED MAIL NO.: 7004 2510 0001 2680 7942
RETURN RECEIPT REQUESTED



October 21, 2008

Ms. Lisa R. Perenchio, Chief
United States Environmental Protection Agency
77 West Jackson Blvd (WU-16J)
Chicago, Illinois 60604-3590
ATTN: UIC Branch, Direct Implementation

RECEIVED

NOV 04 2008

UIC BRANCH
EPA REGION 5

Re: UIC Permits IN-091-11-0001 and IN-091-11-0002

Dear Ms. Perenchio:

The following Monthly Report for **September 2008** is being submitted in compliance with the referenced Permits Part II(D)(1)(a) thru (f).

The reporting data are as follows:

- (a) The analysis of the injection fluid for the month is submitted as Attachment I. Samples and measurements taken for monitoring conform to the requirements of Part I (E) (10) and Part II (C) (3) of the Permits.
- (b) A tabulation of maximum injection pressure, daily maximum and minimum annulus tank levels, and minimum differential between simultaneous measurements of injection pressure and annulus pressure for each day of the month for Well #1 and Well #2 are shown in Attachments II and III respectively.
- (c) Daily maximum injection pressure and daily average flow rate are shown for Well #1 and Well #2 in Attachment IV. Daily maximum and minimum annulus tank levels for Well #1 and Well #2 are shown in Attachment V.
- (d) A statement of the total volumes of the fluid injected to date, in the current calendar year, and the current month:

Cumulative volume injected

Well #1	1,403,499,637	Gallons
Well #2	1,411,834,651	Gallons

Volume injected year-to-date

Well #1	57,834,188	Gallons
Well #2	65,122,638	Gallons

Volume injected this month

Well #1	4,997,193	Gallons
Well #2	4,394,030	Gallons

- (e) A tabulation of the dates and amounts of water added to or removed from the annulus systems during the month, and the cumulative additions and cumulative subtractions for the current month and each of the past 13 months are included in Attachment VI for Well #1 and Well #2.
- (f) Injection operating summary of compliance, alarms and scheduled maintenance is listed below.

Well #1: The following non-compliance event(s) occurred:

None occurred.

Well #1: The following alarm shutdown(s) and scheduled maintenance occurred:

1. 9-16-2008: Ran wireline to gauge well minimum diameter in preparation of stimulation work.

Well #2: The following non-compliance event(s) occurred:

None occurred.

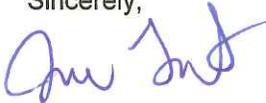
Well #2: The following alarm shutdown(s) and scheduled maintenance occurred:

2. 9-11-2008 7:45 PM: A low differential pressure alarm shutdown occurred when injection was resumed with one (1) deepwell shut in during testing. During the brief event of a few seconds the minimum differential pressure attained was 150 PSI before the automatic injection shutdown caused the differential pressure to increase back up. The corrective action taken was to open up the second well before resuming injection.

Please note that any events in section (f) above are referenced in the notes in Attachments II and III.

I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Please contact me at Criterion as necessary with any questions regarding this data or report.

Sincerely,



Jesse Trent
HSSE Advisor
Criterion Catalysts & Technologies L.P.

WATCON, INC
 2215 SOUTH MAIN
 P.O. BOX 2829
 SOUTH BEND, IN 46680
 (574) 287-3397, (574) 287-2427 fax

WEEKLY DEEPWELL ANALYSIS
 MONTH-END SUMMARY

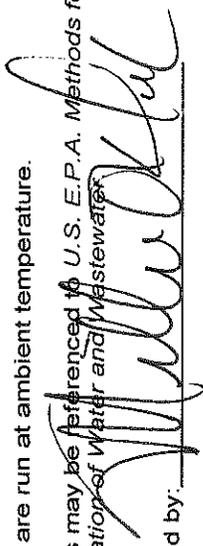
Client:
 Criterion Catalyst
 1800 East US HWY 12
 Michigan City, IN 46360

Attn:
 Mr. Frank Pierrat

WEEK ENDING	UNITS	9/1/2008	9/7/2008	9/15/2008	9/22/2008	9/29/2008	AVERAGE	METHOD
pH @ 25.7 C	s.u.	7.06	6.78	6.82	6.90	6.88	6.89	150.1
Specific Gravity	g/mL	1.043	1.028	1.026	1.040	1.041	1.036	ASTM
Total Dissolved Solids	mg/L	40,800	32,628	24,106	45,288	41,428	36,850	160.1
Total Suspended Solids	mg/L	2.4	2.0	1.4	3.2	1.8	2.2	160.2
Sodium Oxide (Na2O)	mg/L	17,415	10,760	7,061	15,120	14,850	13,041	200.7
Aluminum Oxide (Al2O3)	mg/L	0.18	0.18	0.23	0.16	0.22	0.19	200.7
Silica (SiO2)	mg/L	0.36	0.31	0.30	0.54	0.38	0.38	200.7
Sulfate (SO4)	mg/L	35,535	30,824	12,968	37,621	36,721	30,734	A1000

All tests are run at ambient temperature.

Methods may be referenced to U.S. E.P.A. Methods for the Chemical Analysis of Water and Wastes, and Standard Methods for the Examination of Water and Wastewater.

Approved by:  Date: 10/8/08

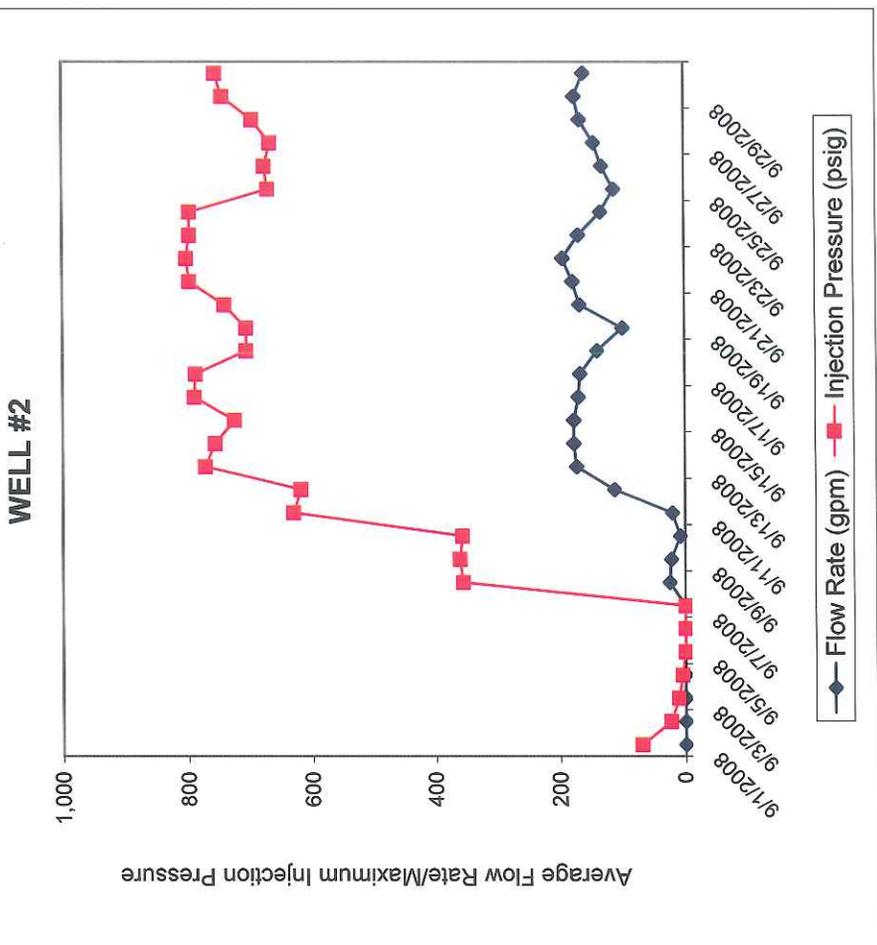
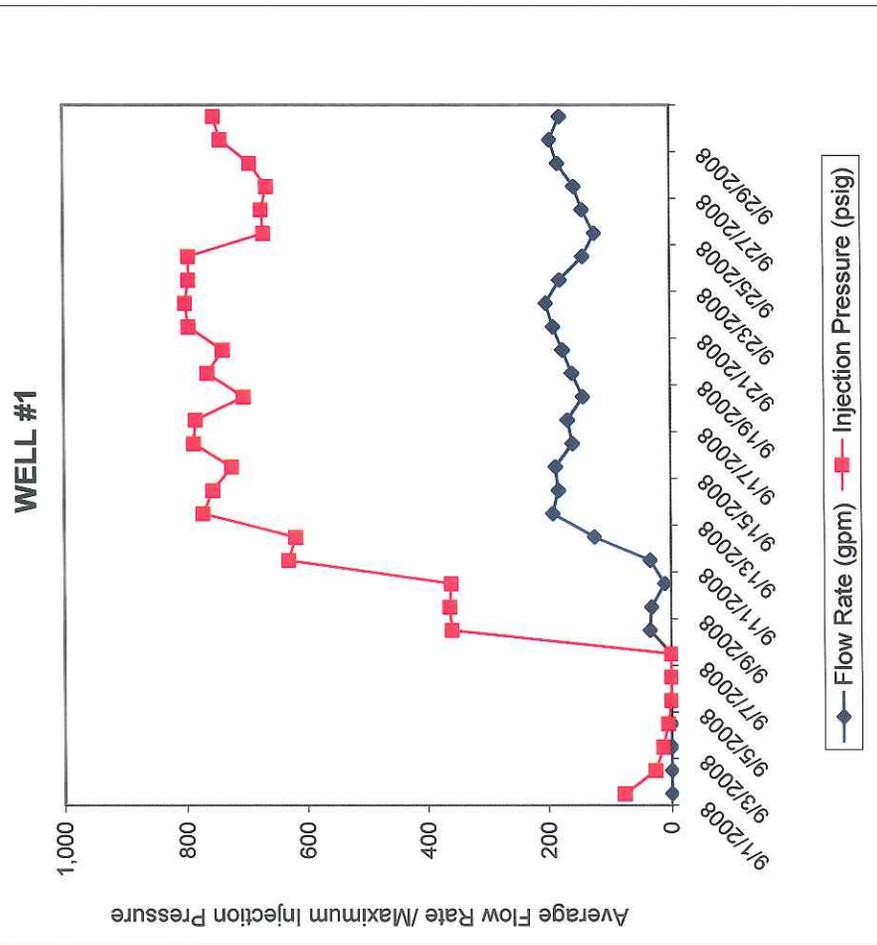
ATTACHMENT II
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #1
September, 2008

Date	Flow Rate (gpm)		Injection Pressure (psig)		Annulus Pressure (psig)		Annulus Level (%)		Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note
	Avg.	Max	Avg.	Max	Avg.	Max	Avg.	Max				
1-Sep	0	0	44	78	774	866	735	68	0	707	110	
2-Sep	0	0	20	27	719	735	710	60	0	696	108	
3-Sep	0	0	10	14	700	710	691	58	0	685	105	
4-Sep	0	0	3	6	684	691	677	57	0	676	99	
5-Sep	0	0	0	0	672	677	666	56	13,399	666	95	
6-Sep	0	0	0	0	662	666	661	56	0	661	94	
7-Sep	0	0	0	0	657	661	655	56	0	658	95	
8-Sep	36	80	184	360	637	659	621	56	51,412	269	83	
9-Sep	33	80	189	364	651	686	631	59	47,491	277	89	
10-Sep	11	76	51	361	652	671	643	58	230,995	308	93	
11-Sep	35	175	126	631	580	861	619	56	38,158	186	95	
12-Sep	126	186	450	619	893	997	825	64	181,311	208	101	
13-Sep	193	259	646	772	1,040	1,094	938	69	277,672	272	114	
14-Sep	184	217	680	756	1,037	1,079	970	69	264,576	277	115	
15-Sep	188	220	675	725	1,034	1,047	996	70	270,716	296	117	
16-Sep	161	241	624	787	1,004	1,072	880	71	231,818	165	116	1
17-Sep	169	224	675	784	1,023	1,062	947	71	243,156	251	116	
18-Sep	144	190	582	705	997	1,047	873	71	207,723	283	116	
19-Sep	162	238	600	764	965	1,058	842	69	232,865	195	113	
20-Sep	176	192	687	739	1,046	1,069	1,024	70	253,881	313	116	
21-Sep	192	245	726	795	1,120	1,160	1,057	75	275,798	322	122	
22-Sep	203	216	793	801	1,096	1,129	984	74	292,414	198	122	
23-Sep	180	235	727	795	1,054	1,092	966	74	259,786	240	121	
24-Sep	144	228	605	795	1,013	1,069	838	74	207,197	246	120	
25-Sep	124	181	543	671	857	990	774	66	178,978	166	107	
26-Sep	144	186	580	675	954	987	897	64	207,707	293	107	
27-Sep	158	183	614	666	940	960	926	64	226,813	271	108	
28-Sep	183	212	650	694	971	1,054	892	67	263,329	235	112	
29-Sep	196	223	683	742	1,014	1,054	959	70	281,742	276	116	
30-Sep	179	223	647	753	993	1,034	915	71	258,258	263	116	
Summary	111	259	427	801	881	1160	619	64	4,997,193	165	108	

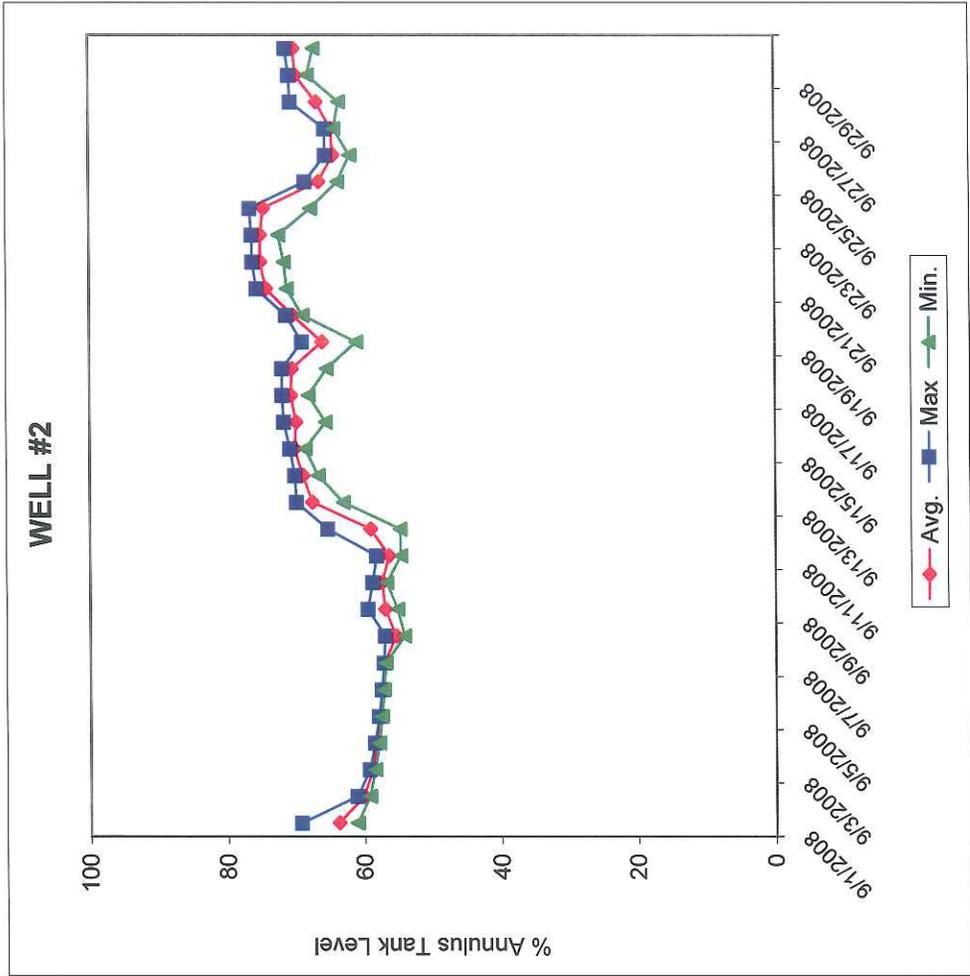
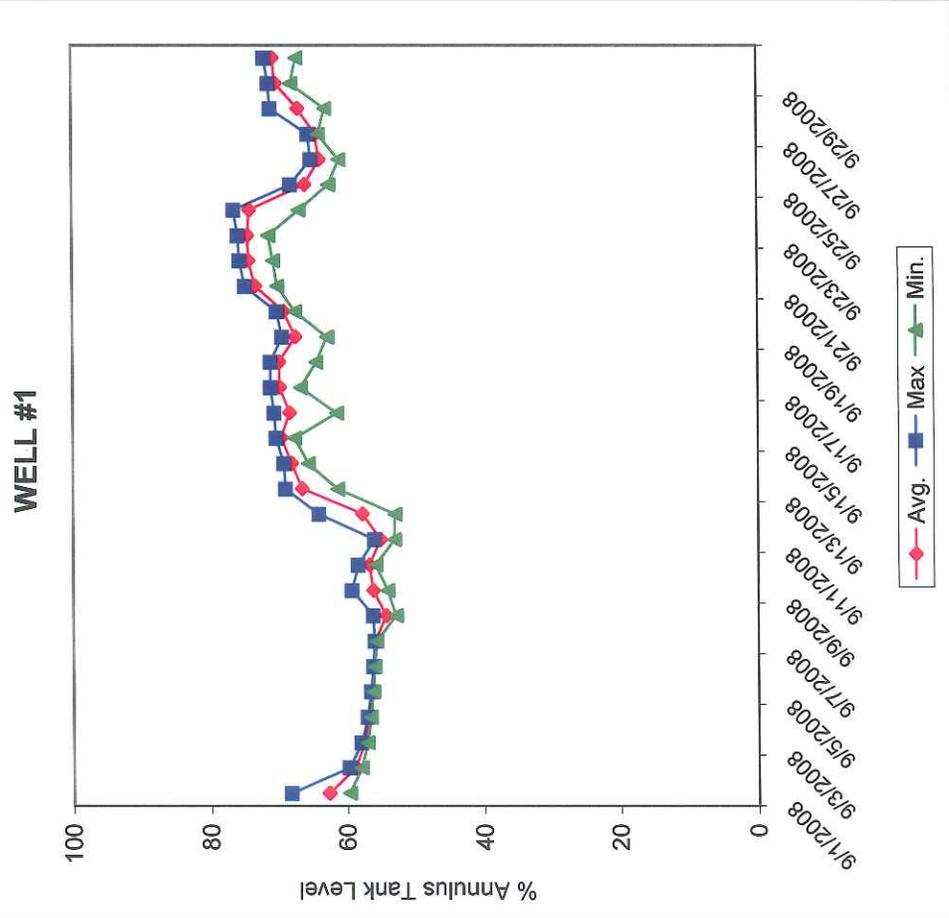
ATTACHMENT III
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #2
September, 2008

Date	Flow Rate (gpm)		Injection Pressure (psig)		Annulus Pressure (psig)		Annulus Level (%)		Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note
	Avg.	Max	Avg.	Min.	Avg.	Min.	Avg.	Max				
1-Sep	0	0	39	71	770	869	731	69	61	0	707	109
2-Sep	0	0	17	24	718	731	711	61	59	0	698	106
3-Sep	0	0	8	11	703	711	697	59	59	0	692	106
4-Sep	0	0	2	5	691	697	686	58	58	0	686	100
5-Sep	0	0	0	0	682	686	678	58	58	0	678	97
6-Sep	0	0	0	0	675	678	674	57	57	0	674	96
7-Sep	0	0	0	0	673	675	672	57	57	0	674	98
8-Sep	25	57	181	356	652	673	638	55	54	36,614	288	83
9-Sep	23	54	187	361	667	701	645	57	55	33,058	297	90
10-Sep	8	54	99	357	671	688	664	57	57	11,910	331	94
11-Sep	21	173	125	630	681	845	660	56	55	30,418	150	94
12-Sep	113	175	417	618	901	1,022	828	59	65	163,389	211	101
13-Sep	174	228	646	772	1,074	1,135	966	68	70	250,509	299	113
14-Sep	178	209	680	756	1,081	1,123	1,015	69	70	256,888	314	114
15-Sep	178	209	676	725	1,091	1,107	1,060	70	71	256,893	344	116
16-Sep	171	239	638	789	1,063	1,112	954	70	72	246,498	303	115
17-Sep	169	222	676	787	1,067	1,102	994	71	72	242,799	287	116
18-Sep	141	187	584	706	1,050	1,101	918	70	72	203,069	333	116
19-Sep	100	188	419	706	883	1,057	517	66	69	144,103	173	112
20-Sep	169	185	688	741	1,059	1,086	1,027	70	71	243,656	330	116
21-Sep	180	215	728	797	1,152	1,194	1,078	74	76	259,055	341	122
22-Sep	195	208	794	802	1,123	1,161	995	75	76	281,071	209	122
23-Sep	171	208	729	797	1,087	1,127	1,000	75	76	245,826	273	121
24-Sep	135	209	607	797	1,056	1,117	867	75	77	194,548	281	120
25-Sep	114	175	543	671	884	1,020	803	66	69	163,607	196	106
26-Sep	133	175	581	676	991	1,020	939	64	66	191,670	335	107
27-Sep	146	175	614	667	990	1,011	976	65	66	209,681	316	107
28-Sep	168	199	652	696	1,038	1,135	956	67	71	242,044	292	111
29-Sep	176	205	685	744	1,090	1,134	1,039	70	71	253,531	349	116
30-Sep	162	203	650	755	1,076	1,118	996	70	71	233,194	343	116
Summary	102	239	422	802	911	1194	517	65	77	4,394,030	150	108

ATTACHMENT IV
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
 September, 2008



ATTACHMENT V
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
 September, 2008



CERTIFIED MAIL NO.: 7004 2510 0001 2680 8017
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November 7, 2008

Ms. Lisa R. Perenchio, Chief
United States Environmental Protection Agency
77 West Jackson Blvd (WU-16J)
Chicago, Illinois 60604-3590
ATTN: UIC Branch, Direct Implementation

Re: UIC Permits IN-091-11-0001 and IN-091-11-0002

Dear Ms. Perenchio:

The following Monthly Report for **October 2008** is being submitted in compliance with the referenced Permits Part II(D)(1)(a) thru (f).

The reporting data are as follows:

- (a) The analysis of the injection fluid for the month is submitted as Attachment I. Samples and measurements taken for monitoring conform to the requirements of Part I (E) (10) and Part II (C) (3) of the Permits.
- (b) A tabulation of maximum injection pressure, daily maximum and minimum annulus tank levels, and minimum differential between simultaneous measurements of injection pressure and annulus pressure for each day of the month for Well #1 and Well #2 are shown in Attachments II and III respectively.
- (c) Daily maximum injection pressure and daily average flow rate are shown for Well #1 and Well #2 in Attachment IV. Daily maximum and minimum annulus tank levels for Well #1 and Well #2 are shown in Attachment V.
- (d) A statement of the total volumes of the fluid injected to date, in the current calendar year, and the current month:

Cumulative volume injected

Well #1	1,407,283,974	Gallons
Well #2	1,415,272,113	Gallons

Volume injected year-to-date

Well #1	61,618,525	Gallons
Well #2	68,560,100	Gallons

Volume injected this month

Well #1	3,784,337	Gallons
Well #2	3,437,462	Gallons

- (e) A tabulation of the dates and amounts of water added to or removed from the annulus systems during the month, and the cumulative additions and cumulative subtractions for the current month and each of the past 13 months are included in Attachment VI for Well #1 and Well #2.
- (f) Injection operating summary of compliance, alarms and scheduled maintenance is listed below.



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NOV 25 2008

UIC BRANCH
EPA REGION 5

Well #1: The following non-compliance event(s) occurred:

None occurred.

Well #1: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Well #2: The following non-compliance event(s) occurred:

None occurred.

Well #2: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Please note that any events in section (f) above are referenced in the notes in Attachments II and III.

I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Please contact me at Criterion as necessary with any questions regarding this data or report.

Sincerely,



Mike Burke
Plant Manager
Criterion Catalysts & Technologies L.P.

WATCON, INC
 2215 SOUTH MAIN
 P.O. BOX 2829
 SOUTH BEND, IN 46680
 (574) 287-3397, (574) 287-2427 fax

WEEKLY DEEPPWELL ANALYSIS
 MONTH-END SUMMARY

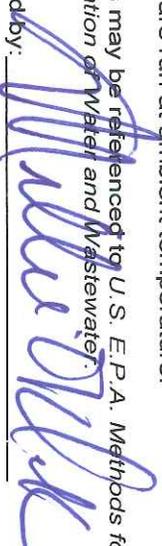
Client: Criterion Catalyst
 1800 East US HWY 12
 Michigan City, IN 46360

Attn: Mr. Frank Pierrat

WEEK ENDING	UNITS	10/6/2008	10/13/2008	10/20/2008	10/27/2008	AVERAGE	METHOD
pH @ 25.7 C	s. u.	7.35	7.40	6.95	6.80	7.13	150.1
Specific Gravity	g/mL	1.043	1.048	1.019	1.015	1.031	ASTM
Total Dissolved Solids	mg/L	55,496	59,462	29,504	22,886	41,837	160.1
Total Suspended Solids	mg/L	2.2	2.4	1.4	0.8	1.7	160.2
Sodium Oxide (Na2O)	mg/L	16,740	18,765	8,964	6,548	12,754	200.7
Aluminum Oxide (Al2O3)	mg/L	0.24	0.24	0.25	0.25	0.25	200.7
Silica (SiO2)	mg/L	2.74	2.04	2.72	1.52	2.26	200.7
Sulfate (SO4)	mg/L	46,006	49,682	30,983	16,724	35,849	A1000

All tests are run at ambient temperature.

Methods may be referenced to U.S. E.P.A. Methods for the Chemical Analysis of Water and Wastes, and Standard Methods for the Examination of Water and Wastewater.

Approved by:  Date: 11-5-08

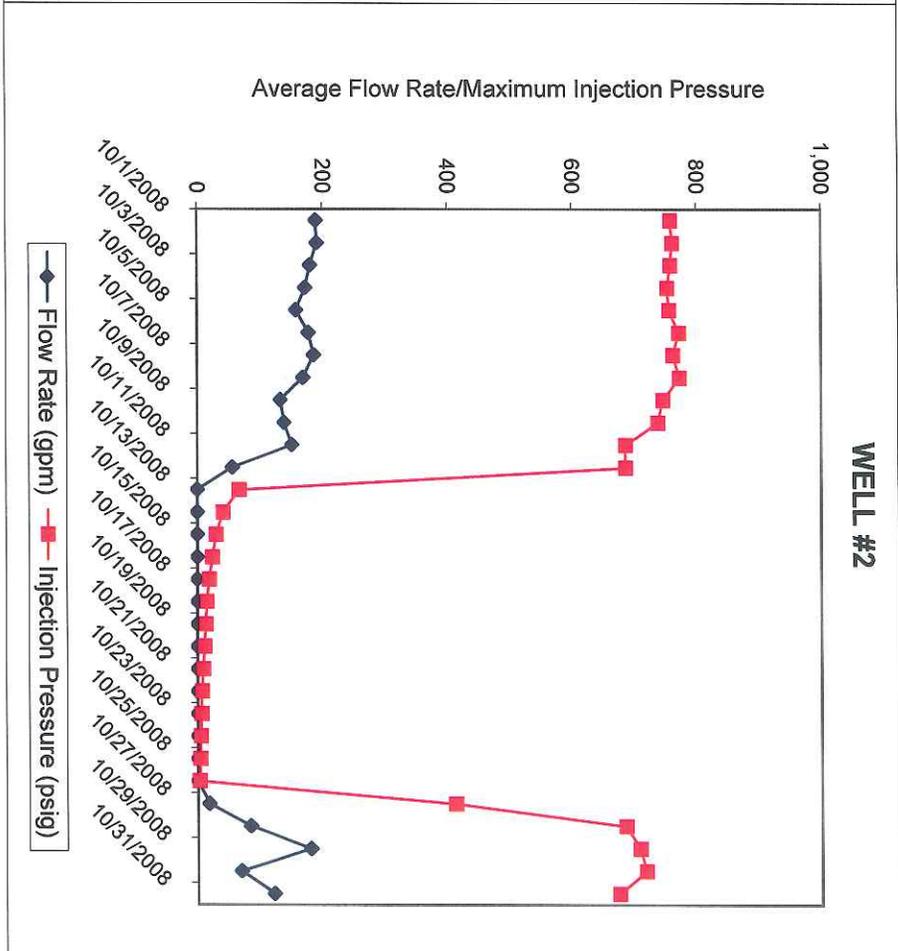
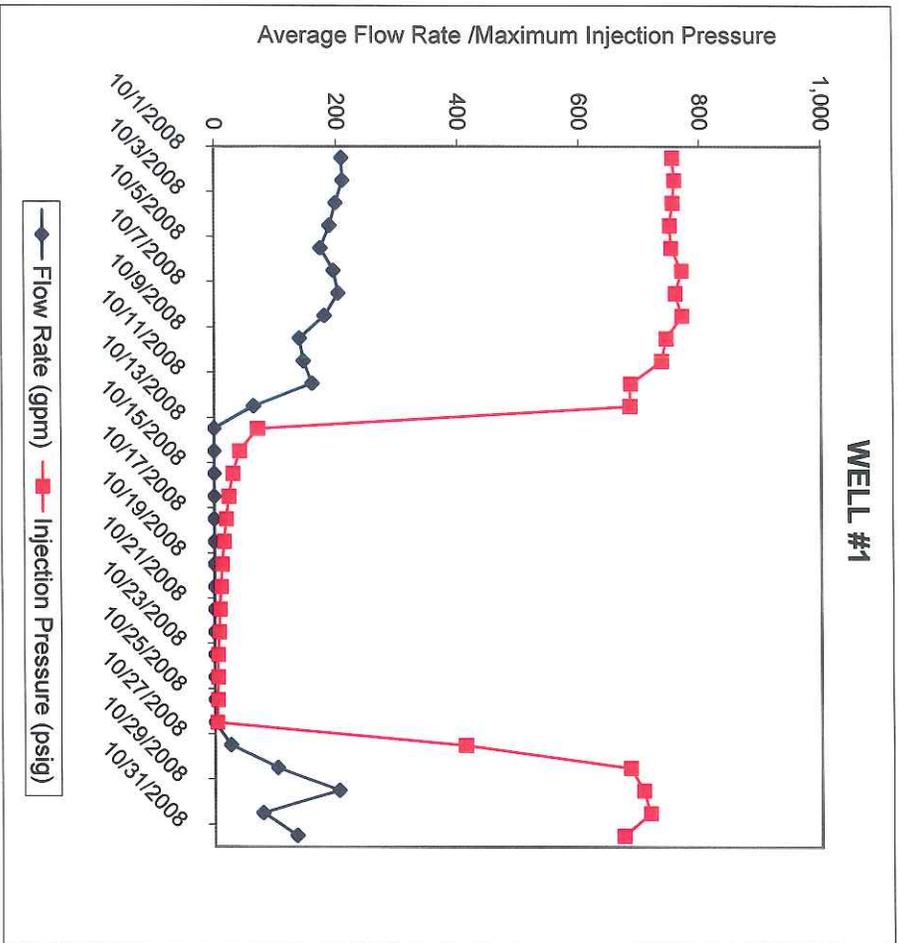
ATTACHMENT II
DEEPPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #1
October, 2008

Date	Flow Rate (gpm)			Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)			Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note
	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.				
1-Oct	209	224	195	739	755	727	976	997	949	71	72	71	301,498	219	116	
2-Oct	211	226	197	747	758	727	1,001	1,026	950	71	72	69	303,792	207	116	
3-Oct	200	215	0	735	755	341	1,024	1,043	999	71	72	70	287,610	268	118	
4-Oct	190	206	179	725	750	708	985	1,015	933	71	73	69	273,446	207	116	
5-Oct	175	203	0	678	752	83	964	1,016	861	71	73	67	252,132	207	116	
6-Oct	196	211	0	720	770	95	983	1,007	925	73	74	71	281,924	214	118	
7-Oct	204	215	0	738	759	271	991	1,008	943	74	75	72	293,531	222	120	
8-Oct	181	210	0	691	770	66	983	1,094	878	73	75	68	261,242	170	118	
9-Oct	141	199	0	563	744	54	1,048	1,111	907	69	71	63	203,120	280	116	
10-Oct	147	210	0	552	736	34	974	1,078	856	66	71	60	211,990	238	112	
11-Oct	161	182	152	652	685	634	957	979	938	67	67	66	232,360	283	111	
12-Oct	65	182	0	316	684	71	890	967	803	64	67	59	93,610	278	106	
13-Oct	0	0	0	53	71	42	776	803	760	57	59	56	0	718	89	
14-Oct	0	0	0	36	42	31	747	760	735	55	56	55	0	704	81	
15-Oct	0	0	0	28	31	24	727	735	718	55	55	54	0	693	75	
16-Oct	0	0	0	22	24	20	711	718	704	54	54	54	0	684	71	
17-Oct	0	0	0	18	20	16	698	704	693	54	54	54	0	676	69	
18-Oct	0	0	0	15	16	13	688	693	684	54	54	54	0	671	68	
19-Oct	0	0	0	12	13	11	679	684	676	54	54	54	0	665	66	
20-Oct	0	0	0	10	11	9	672	676	668	54	54	54	0	658	66	
21-Oct	0	0	0	8	9	8	664	668	660	54	54	54	0	652	65	
22-Oct	0	0	0	7	8	6	655	660	653	54	54	54	0	646	63	
23-Oct	0	0	0	6	6	6	649	653	647	54	54	54	0	641	62	
24-Oct	0	0	0	5	6	5	645	649	643	53	54	53	0	638	64	
25-Oct	0	0	0	4	5	4	639	643	636	53	53	53	0	632	62	
26-Oct	0	0	0	3	4	3	634	636	630	53	53	53	0	627	62	
27-Oct	27	115	0	115	412	0	613	641	577	51	54	46	38,165	176	66	
28-Oct	103	257	0	367	684	41	832	1,063	599	53	63	47	148,341	176	92	
29-Oct	204	257	0	663	705	232	1,154	1,185	1,057	67	68	63	293,892	379	117	
30-Oct	79	219	0	287	716	0	1,021	1,165	887	62	68	55	113,040	415	111	
31-Oct	135	185	0	536	673	68	991	1,058	921	61	65	57	194,645	371	107	
Summary	85	257	0	324	770	0	838	1,185	577	61	75	46	3,784,337	170	92	

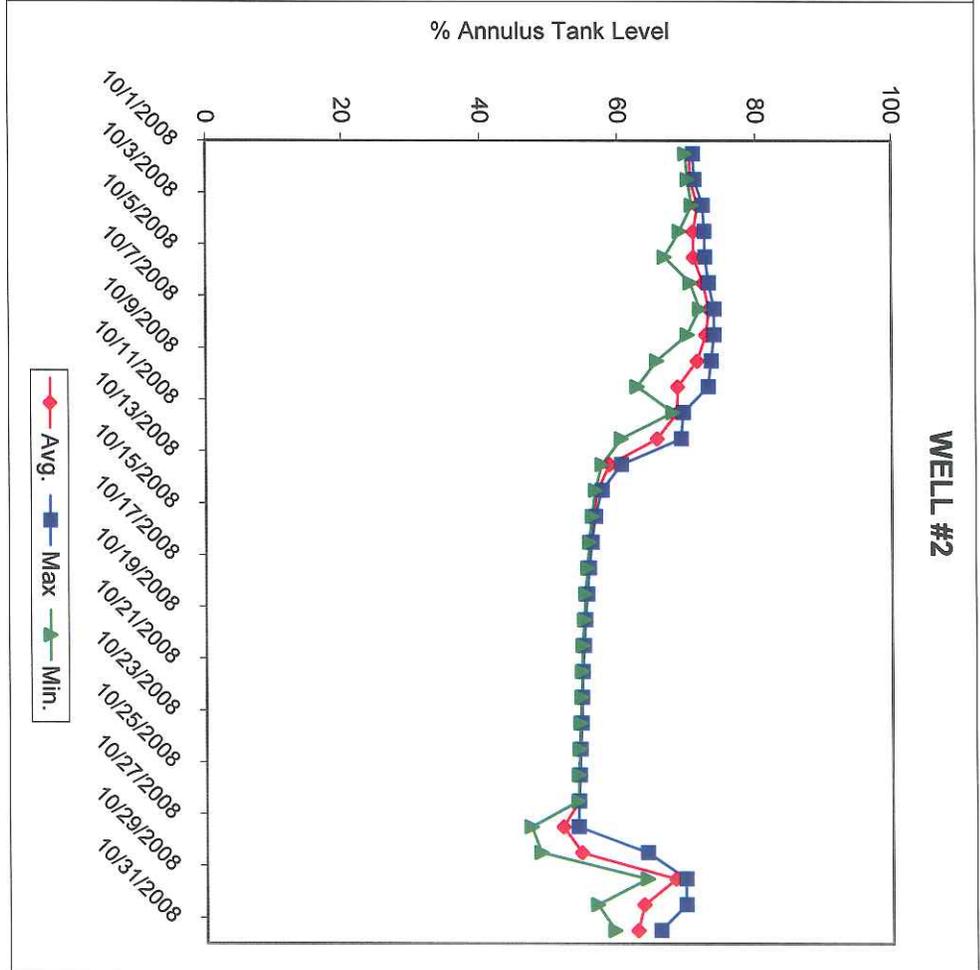
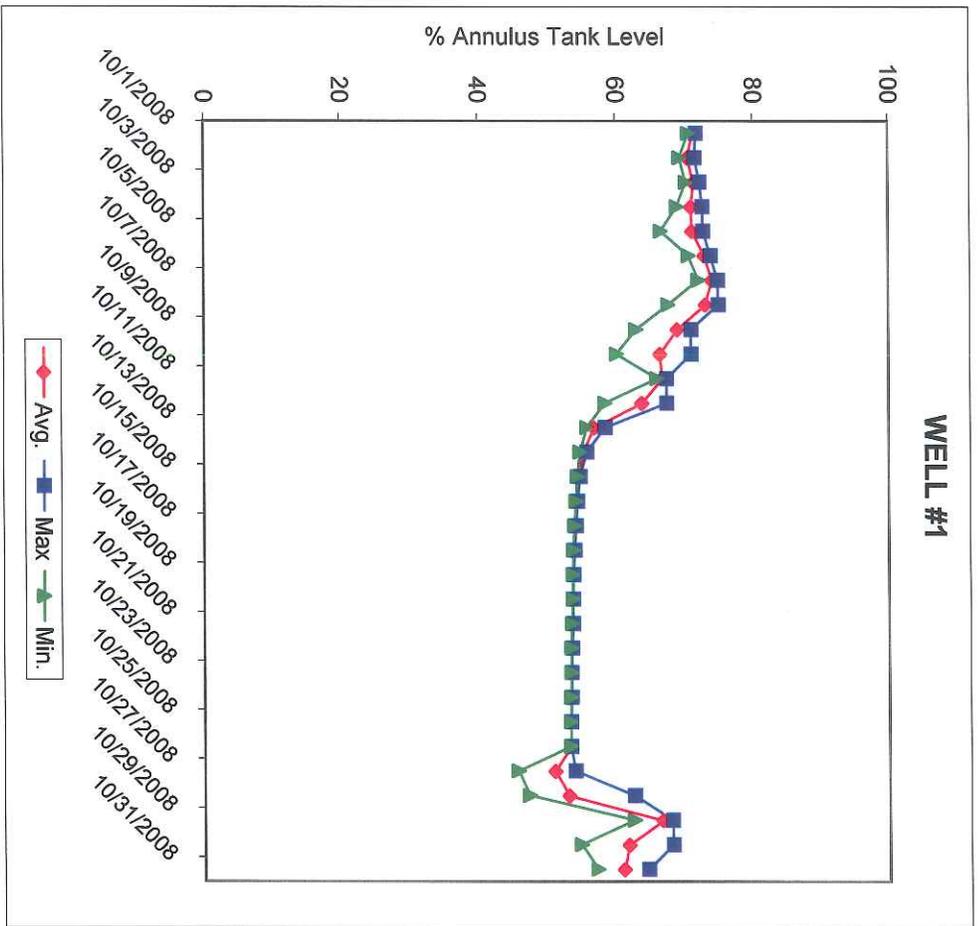
ATTACHMENT III
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #2
October, 2008

Date	Flow Rate (gpm)			Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)			Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note
	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.				
1-Oct	191	203	177	742	758	730	1,066	1,087	1,040	71	71	70	274,433	308	115	
2-Oct	192	203	177	750	761	730	1,055	1,069	1,042	71	71	70	276,173	289	115	
3-Oct	181	193	0	738	758	342	1,073	1,095	1,055	72	72	71	260,700	312	117	
4-Oct	174	190	162	729	753	710	1,041	1,077	981	71	73	69	249,864	255	116	
5-Oct	159	186	0	682	756	85	1,027	1,080	918	71	73	67	228,555	259	115	
6-Oct	179	195	0	723	772	98	1,059	1,086	1,006	72	73	71	257,642	286	118	
7-Oct	187	195	0	741	762	272	1,078	1,099	1,035	73	74	72	269,314	298	119	
8-Oct	170	196	0	694	773	69	1,050	1,094	970	73	74	70	244,857	253	118	
9-Oct	133	189	0	566	746	57	1,005	1,068	864	72	74	66	191,050	231	116	
10-Oct	139	203	0	554	738	37	935	1,046	811	69	73	63	200,334	188	111	
11-Oct	152	174	141	653	686	636	927	945	908	69	70	68	218,209	258	110	
12-Oct	57	173	0	315	686	67	872	944	784	66	69	61	81,427	254	106	
13-Oct	0	0	0	51	67	41	759	784	746	59	61	58	0	705	100	
14-Oct	0	0	0	35	41	30	737	746	728	57	58	57	0	698	98	
15-Oct	0	0	0	27	30	24	722	728	717	56	57	56	0	693	91	
16-Oct	0	0	0	21	24	19	713	717	708	56	56	56	0	689	87	
17-Oct	0	0	0	17	19	15	703	708	702	56	56	56	0	684	83	
18-Oct	0	0	0	14	15	13	700	702	699	55	56	55	0	685	86	
19-Oct	0	0	0	12	13	11	697	699	696	55	55	55	0	684	85	
20-Oct	0	0	0	10	11	9	695	697	694	55	55	55	0	684	85	
21-Oct	0	0	0	8	9	7	692	694	691	55	55	55	0	684	84	
22-Oct	0	0	0	6	7	6	688	691	687	55	55	55	0	680	82	
23-Oct	0	0	0	5	6	5	685	687	684	55	55	54	0	679	81	
24-Oct	0	0	0	4	5	4	686	686	686	54	54	54	0	681	84	
25-Oct	0	0	0	3	4	3	683	686	682	54	54	54	0	679	81	
26-Oct	0	0	0	2	3	1	681	682	680	54	54	54	0	678	80	
27-Oct	18	85	0	116	413	1	657	683	613	52	54	47	26,639	206	65	
28-Oct	85	231	0	369	686	43	819	1,035	627	55	64	49	121,967	197	91	
29-Oct	181	228	0	665	708	233	1,128	1,158	1,035	68	70	64	260,935	349	117	
30-Oct	70	199	0	289	718	0	992	1,141	854	64	70	57	100,446	384	110	
31-Oct	121	172	0	538	675	71	963	1,037	896	63	66	59	174,916	337	106	
Summary	77	231	0	325	773	0	858	1158	613	62	74	47	3,437,462	188	99	

ATTACHMENT IV
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
 October, 2008



ATTACHMENT V
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
 October, 2008



✓
MET

CERTIFIED MAIL NO.: 7004 2510 0001 2680 6785
RETURN RECEIPT REQUESTED



December 15, 2008

Ms. Lisa R. Perenchio, Chief
United States Environmental Protection Agency
77 West Jackson Blvd (WU-16J)
Chicago, Illinois 60604-3590
ATTN: UIC Branch, Direct Implementation

RECEIVED

DEC 22 2008

UIC BRANCH
EPA REGION 5

Re: UIC Permits IN-091-11-0001 and IN-091-11-0002

Dear Ms. Perenchio:

The following Monthly Report for **November 2008** is being submitted in compliance with the referenced Permits Part II(D)(1)(a) thru (f).

The reporting data are as follows:

- (a) The analysis of the injection fluid for the month is submitted as Attachment I. Samples and measurements taken for monitoring conform to the requirements of Part I (E) (10) and Part II (C) (3) of the Permits.
- (b) A tabulation of maximum injection pressure, daily maximum and minimum annulus tank levels, and minimum differential between simultaneous measurements of injection pressure and annulus pressure for each day of the month for Well #1 and Well #2 are shown in Attachments II and III respectively.
- (c) Daily maximum injection pressure and daily average flow rate are shown for Well #1 and Well #2 in Attachment IV. Daily maximum and minimum annulus tank levels for Well #1 and Well #2 are shown in Attachment V.
- (d) A statement of the total volumes of the fluid injected to date, in the current calendar year, and the current month:

Cumulative volume injected

Well #1	1,412,687,217	Gallons
Well #2	1,420,043,764	Gallons

Volume injected year-to-date

Well #1	67,021,768	Gallons
Well #2	73,331,751	Gallons

Volume injected this month

Well #1	5,403,242	Gallons
Well #2	4,771,651	Gallons

- (e) A tabulation of the dates and amounts of water added to or removed from the annulus systems during the month, and the cumulative additions and cumulative subtractions for the current month and each of the past 13 months are included in Attachment VI for Well #1 and Well #2.
- (f) Injection operating summary of compliance, alarms and scheduled maintenance is listed below.

Well #1: The following non-compliance event(s) occurred:

None occurred.

Well #1: The following alarm shutdown(s) and scheduled maintenance occurred:

1. 11/24/2008: The deepwell was stimulated according to the pre-approved stimulation plan.

Well #2: The following non-compliance event(s) occurred:

None occurred.

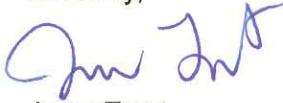
Well #2: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Please note that any events in section (f) above are referenced in the notes in Attachments II and III.

I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Please contact me at Criterion as necessary with any questions regarding this data or report.

Sincerely,



Jesse Trent
HSSE Advisor
Criterion Catalysts & Technologies L.P.

WATCON, INC
 2215 SOUTH MAIN
 P.O. BOX 2829
 SOUTH BEND, IN 46680
 (574) 287-3397, (574) 287-2427 fax

WEEKLY DEEPPWELL ANALYSIS
 MONTH-END SUMMARY

Client:
 Criterion Catalyst
 1800 East US HWY 12
 Michigan City, IN 46360

Attn:
 Mr. Frank Pierrat

WEEK ENDING	UNITS	11/3/2008	11/10/2008	11/17/2008	11/23/2008	AVERAGE	METHOD
pH @ 25.7 C	s.u.	6.75	7.21	7.21	7.36	7.13	150.1
Specific Gravity	g/mL	1.014	1.011	1.028	1.047	1.025	ASTM
Total Dissolved Solids	mg/L	21,244	18,546	38,652	47,820	31,566	160.1
Total Suspended Solids	mg/L	1.2	0.8	1.6	2.1	1.4	160.2
Sodium Oxide (Na2O)	mg/L	6,966	5,684	13,838	19,184	11,418	200.7
Aluminum Oxide (Al2O3)	mg/L	0.17	0.19	0.23	0.26	0.21	200.7
Silica (SiO2)	mg/L	4.13	1.35	1.64	2.35	2.37	200.7
Sulfate (SO4)	mg/L	16,934	11,136	27,241	37,619	23,233	A1000

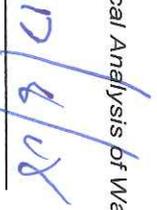
All tests are run at ambient temperature.

Methods may be referenced to U.S.E.P.A. Methods for the Chemical Analysis of Water and Wastes, and Standard Methods for the Examination of Water and Wastewater.

Approved by: _____



Date: _____



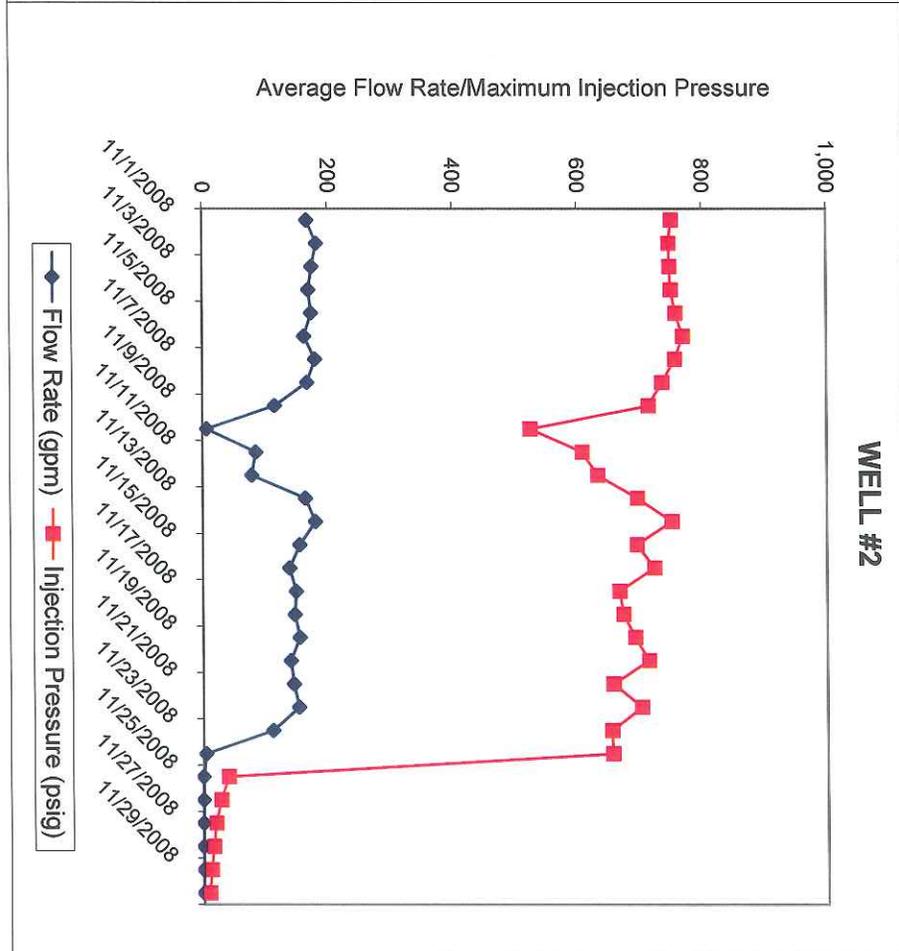
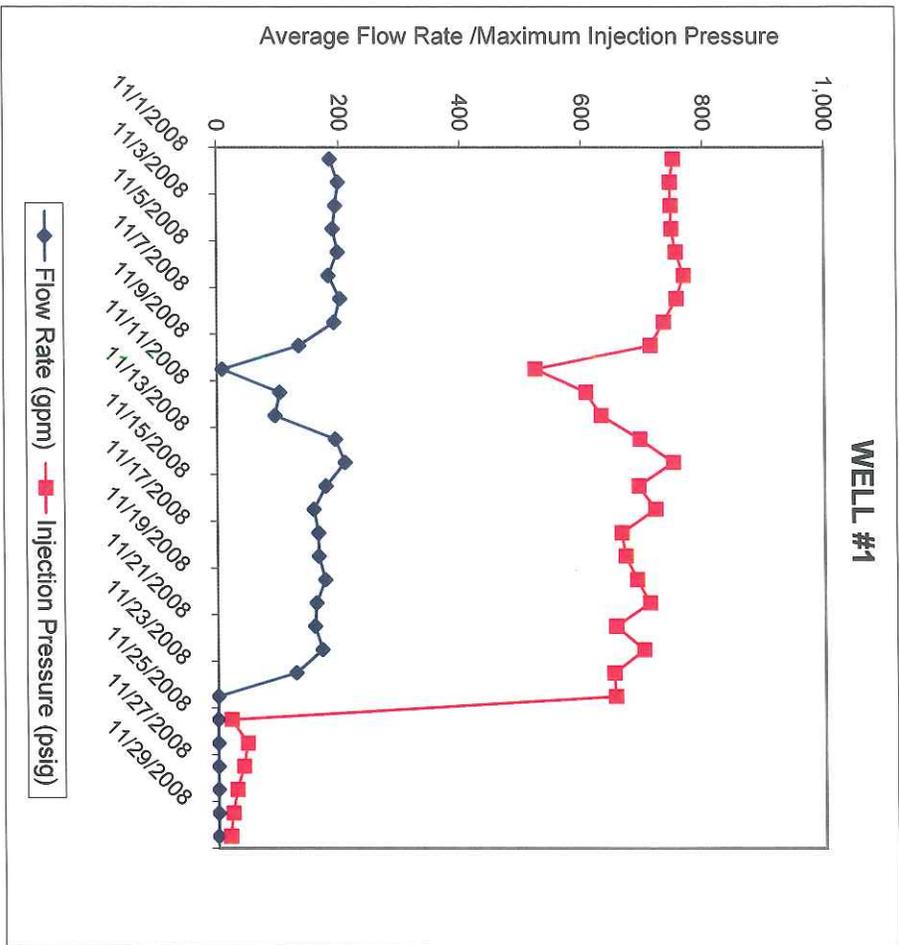
ATTACHMENT II
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #1
November, 2008

Date	Flow Rate (gpm)			Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)			Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note
	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.				
1-Nov	186	224	0	675	751	101	1,068	1,093	1,007	66	67	63	268,231	332	113	
2-Nov	199	210	68	720	746	460	1,063	1,087	1,022	67	68	64	286,612	311	114	
3-Nov	194	209	33	732	747	314	1,066	1,084	1,044	68	68	67	279,911	309	114	
4-Nov	190	202	168	732	748	693	1,047	1,062	1,031	68	69	67	274,192	289	114	
5-Nov	198	207	38	745	755	341	1,041	1,058	1,010	69	69	68	284,930	278	115	
6-Nov	183	229	0	685	768	116	1,004	1,037	933	68	69	65	263,351	238	113	
7-Nov	202	211	66	738	756	446	982	998	950	68	68	67	290,627	227	112	
8-Nov	192	206	179	717	735	701	951	963	936	68	68	68	276,217	204	112	
9-Nov	134	190	0	550	713	93	897	938	807	66	68	62	193,428	193	109	
10-Nov	9	160	0	110	524	61	764	807	730	59	62	57	13,111	264	99	
11-Nov	103	184	0	409	607	58	874	1,014	724	57	62	54	148,428	197	98	
12-Nov	95	201	0	323	632	15	953	1,062	885	59	65	55	137,260	313	105	
13-Nov	194	236	19	643	695	273	1,098	1,133	1,035	67	68	64	278,836	414	115	
14-Nov	209	241	0	701	750	218	1,133	1,169	1,076	69	70	68	301,326	388	118	
15-Nov	178	204	0	641	693	66	1,053	1,096	983	67	69	64	255,723	342	114	
16-Nov	158	220	0	588	721	50	1,015	1,076	898	67	69	62	227,328	324	113	
17-Nov	165	197	137	623	665	563	965	1,010	893	66	69	62	238,022	260	111	
18-Nov	165	192	63	631	671	391	1,005	1,032	956	69	70	67	238,310	300	116	
19-Nov	176	200	141	653	690	576	999	1,020	979	70	70	69	253,825	304	116	
20-Nov	162	215	57	604	711	293	972	1,002	887	69	70	66	232,612	248	114	
21-Nov	159	186	0	595	655	87	860	909	802	65	68	61	229,046	179	105	
22-Nov	171	224	0	600	701	55	887	917	821	67	68	63	246,499	213	109	
23-Nov	128	210	0	497	652	63	955	1,072	856	62	66	55	184,772	218	106	
24-Nov	0	210	0	94	654	19	879	931	857	53	56	52	648	276	84	1
25-Nov	0	0	0	18	22	11	825	973	719	50	60	41	0	698	78	
26-Nov	0	0	0	30	48	11	768	799	691	46	49	39	0	678	77	
27-Nov	0	0	0	36	42	31	806	814	792	49	49	48	0	750	84	
28-Nov	0	0	0	28	31	24	815	816	814	49	49	49	0	783	90	
29-Nov	0	0	0	22	24	20	812	815	810	49	49	49	0	789	89	
30-Nov	0	0	0	19	20	18	808	810	804	49	49	49	0	786	90	
Summary	125	241	0	472	768	11	945	1169	691	62	70	39	5,403,242	179	105	

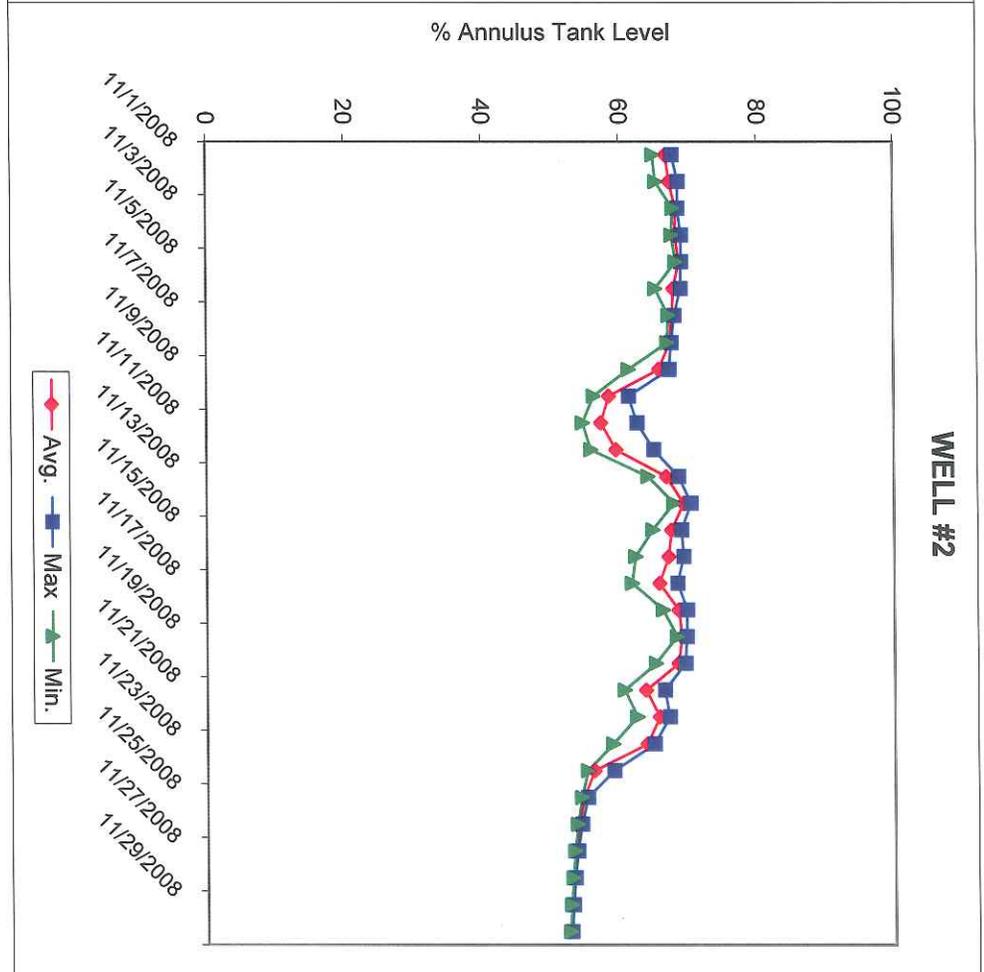
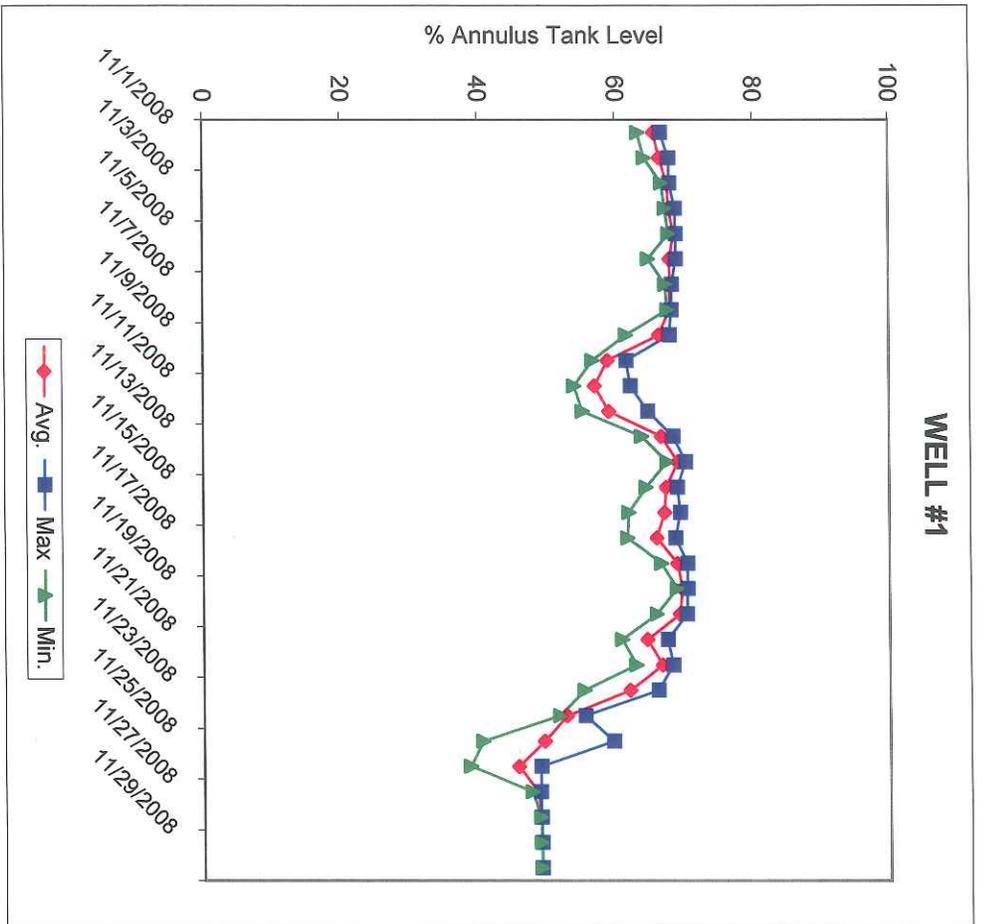
ATTACHMENT III
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #2
November, 2008

Date	Flow Rate (gpm)			Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)			Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note
	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.				
1-Nov	168	202	0	676	752	104	1,052	1,077	1,002	67	68	65	241,361	316	112	
2-Nov	183	197	19	722	748	467	1,056	1,084	1,009	67	69	65	263,223	296	113	
3-Nov	175	189	0	734	749	318	1,067	1,082	1,055	68	69	68	252,535	307	114	
4-Nov	170	184	147	734	751	695	1,055	1,076	1,038	68	69	68	245,192	294	113	
5-Nov	174	182	0	748	758	343	1,057	1,071	1,045	69	69	68	251,064	293	114	
6-Nov	163	207	0	687	770	119	1,028	1,059	961	68	69	65	234,296	261	112	
7-Nov	180	194	0	740	757	455	1,014	1,026	991	68	68	67	259,350	258	112	
8-Nov	167	182	154	720	737	704	993	1,001	980	67	68	67	241,052	246	111	
9-Nov	116	168	0	553	715	96	947	982	857	66	67	61	167,171	240	109	
10-Nov	7	112	0	112	526	64	812	857	778	59	61	56	9,999	302	94	
11-Nov	86	161	0	411	609	61	894	1,033	766	57	63	55	123,657	237	95	
12-Nov	79	177	0	324	634	17	969	1,087	899	60	65	56	114,223	325	104	
13-Nov	165	203	0	644	697	272	1,125	1,160	1,059	67	69	64	237,150	436	115	
14-Nov	180	210	0	702	752	219	1,156	1,195	1,093	69	70	68	259,364	403	117	
15-Nov	156	181	0	643	696	70	1,077	1,117	1,002	68	69	65	223,960	358	114	
16-Nov	139	196	0	592	724	53	1,048	1,112	930	67	69	62	200,163	348	112	
17-Nov	149	178	118	626	668	567	1,006	1,064	920	66	68	62	214,498	286	110	
18-Nov	147	174	76	634	674	395	1,061	1,094	1,004	69	70	66	211,967	344	115	
19-Nov	155	177	121	657	693	581	1,058	1,082	1,037	69	70	68	222,714	358	115	
20-Nov	140	191	19	609	715	302	1,037	1,067	947	69	70	65	202,020	303	114	
21-Nov	145	173	0	599	658	92	922	980	861	64	67	61	208,735	230	105	
22-Nov	153	202	0	603	703	59	958	991	890	66	67	63	220,388	284	108	
23-Nov	112	192	0	501	655	68	918	939	828	64	65	59	160,981	176	105	
24-Nov	5	193	0	74	657	41	792	828	779	56	59	55	6,586	174	89	
25-Nov	0	0	0	34	41	29	774	779	769	55	55	54	0	737	84	
26-Nov	0	0	0	25	29	21	765	769	762	54	54	54	0	738	82	
27-Nov	0	0	0	19	21	17	759	762	758	54	54	53	0	738	80	
28-Nov	0	0	0	15	17	13	756	758	754	53	53	53	0	740	82	
29-Nov	0	0	0	12	13	10	752	754	751	53	53	53	0	739	80	
30-Nov	0	0	0	9	10	8	750	751	749	53	53	53	0	740	81	
Summary	110	210	0	472	770	8	955	1195	749	63	70	53	4,771,651	174	104	

ATTACHMENT IV
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
 November, 2008



ATTACHMENT V
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
 November, 2008



CERTIFIED MAIL NO.: 7004 2510 0001 2680 6716
RETURN RECEIPT REQUESTED



January 15, 2009

Ms. Lisa R. Perenchio, Chief
United States Environmental Protection Agency
77 West Jackson Blvd (WU-16J)
Chicago, Illinois 60604-3590
ATTN: UIC Branch, Direct Implementation

RECEIVED
JAN 27 2009
UIC BRANCH
EPA REGION 5

Re: UIC Permits IN-091-11-0001 and IN-091-11-0002

Dear Ms. Perenchio:

The following Monthly Report for December 2008 is being submitted in compliance with the referenced Permits Part II(D)(1)(a) thru (f).

The reporting data are as follows:

- (a) The analysis of the injection fluid for the month is submitted as Attachment I. Samples and measurements taken for monitoring conform to the requirements of Part I (E) (10) and Part II (C) (3) of the Permits.
- (b) A tabulation of maximum injection pressure, daily maximum and minimum annulus tank levels, and minimum differential between simultaneous measurements of injection pressure and annulus pressure for each day of the month for Well #1 and Well #2 are shown in Attachments II and III respectively.
- (c) Daily maximum injection pressure and daily average flow rate are shown for Well #1 and Well #2 in Attachment IV. Daily maximum and minimum annulus tank levels for Well #1 and Well #2 are shown in Attachment V.
- (d) A statement of the total volumes of the fluid injected to date, in the current calendar year, and the current month:

Cumulative volume injected
Well #1 1,418,966,097 Gallons
Well #2 1,421,614,007 Gallons

Volume injected year-to-date
Well #1 73,300,648 Gallons
Well #2 74,901,994 Gallons

Volume injected this month
Well #1 6,278,880 Gallons
Well #2 1,570,243 Gallons

- (e) A tabulation of the dates and amounts of water added to or removed from the annulus systems during the month, and the cumulative additions and cumulative subtractions for the current month and each of the past 13 months are included in Attachment VI for Well #1 and Well #2.
- (f) Injection operating summary of compliance, alarms and scheduled maintenance is listed below.

Well #1: The following non-compliance event(s) occurred:

None occurred.

Well #1: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Well #2: The following non-compliance event(s) occurred:

None occurred.

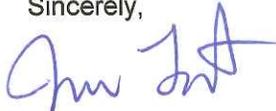
Well #2: The following alarm shutdown(s) and scheduled maintenance occurred:

None occurred.

Please note that any events in section (f) above are referenced in the notes in Attachments II and III.

I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Please contact me at Criterion as necessary with any questions regarding this data or report.

Sincerely,



Jesse Trent
HSSE Advisor
Criterion Catalysts & Technologies L.P.

RECEIVED

JAN 27 2009

UIC BRANCH
EPA REGION 5

WATCON, INC
 2215 SOUTH MAIN
 P.O. BOX 2829
 SOUTH BEND, IN 46680
 (574) 287-3397, (574) 287-2427 fax

WEEKLY DEEPPWELL ANALYSIS
 MONTH-END SUMMARY

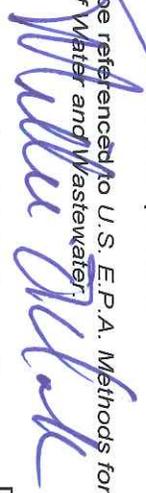
Client:
 Criterion Catalyst
 1800 East US HWY 12
 Michigan City, IN 46360

Attn:
 Mr. Frank Pierrat

WEEK ENDING	UNITS	12/1/2008	12/8/2008	12/15/2008	12/22/2008	12/29/2008	AVERAGE	METHOD
pH @ 25.7 C	s.u.	6.50	6.70	6.85	6.88	6.59	6.70	150.1
Specific Gravity	g/mL	1.023	1.040	1.039	1.039	1.027	1.034	ASTM
Total Dissolved Solids	mg/L	26,573	39,047	36,615	39,692	24,164	33,218	160.1
Total Suspended Solids	mg/L	1.2	2.0	1.6	1.8	0.8	1.48	160.2
Sodium Oxide (Na2O)	mg/L	7,479	13,635	8,640	9,248	6,359	9,072	200.7
Aluminum Oxide (Al2O3)	mg/L	0.43	0.29	0.30	0.33	0.33	0.34	200.7
Silica (SiO2)	mg/L	3.79	3.47	3.49	3.60	3.62	3.59	200.7
Sulfate (SO4)	mg/L	19,462	32,616	30,007	32,250	16,074	26,082	A1000

All tests are run at ambient temperature.

Methods may be referenced to U.S. E.P.A. Methods for the Chemical Analysis of Water and Wastes, and Standard Methods for the Examination of Water and Wastewater.

Approved by: 

Date: 1-18-09

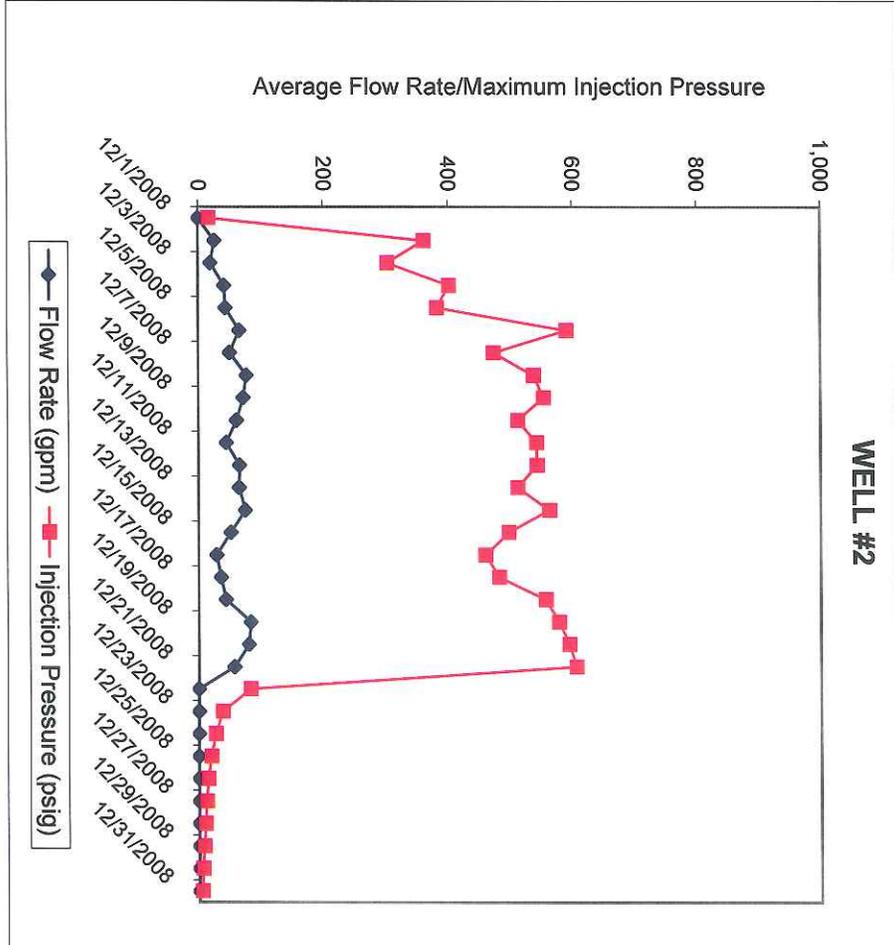
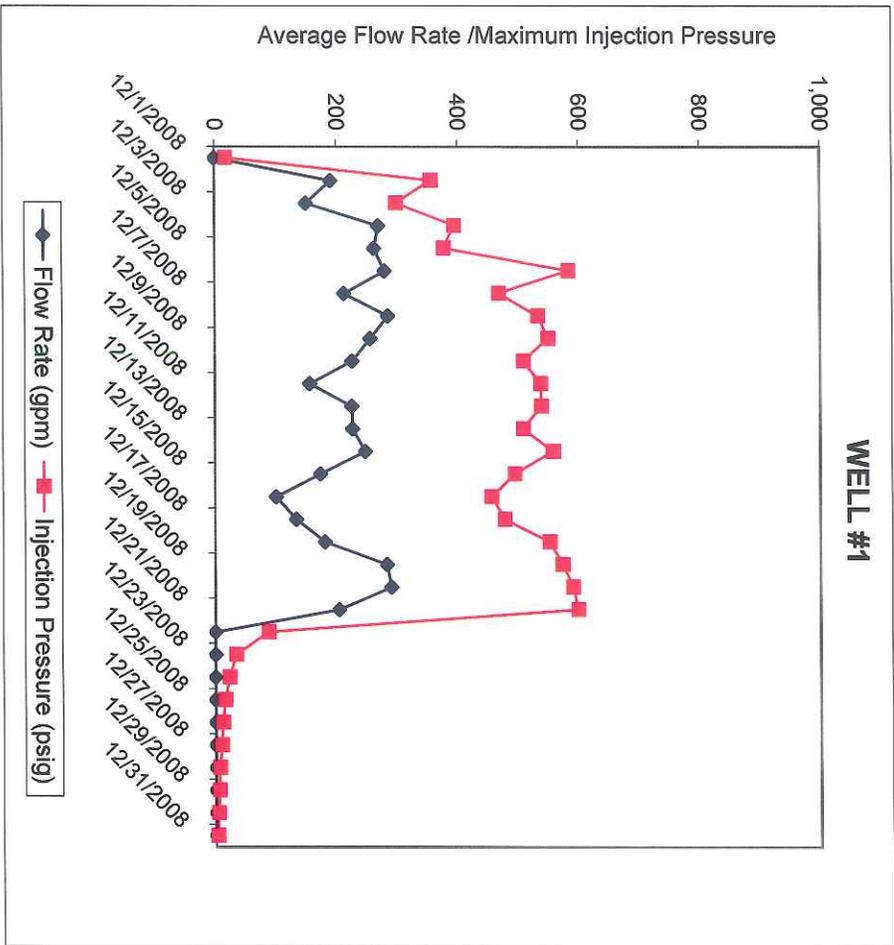
ATTACHMENT II
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #1
December, 2008

Date	Flow Rate (gpm)			Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)			Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note	
	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.					
1-Dec	0	0	0	16	18	12	798	804	792	49	50	49	0		777	87	
2-Dec	191	325	0	210	356	10	801	926	716	50	59	43	275,357		486	85	
3-Dec	151	264	0	180	299	4	900	942	855	58	61	55	216,737		587	102	
4-Dec	270	393	225	322	394	273	957	978	864	62	64	56	388,596		478	108	
5-Dec	263	285	254	349	377	329	967	976	947	64	64	63	378,922		579	109	
6-Dec	280	394	0	422	583	30	960	1,017	909	64	67	61	403,361		417	109	
7-Dec	213	279	71	376	468	165	905	935	891	62	64	61	307,216		452	105	
8-Dec	285	353	63	473	533	178	958	1,003	919	65	68	64	410,862		386	110	
9-Dec	256	330	0	446	550	48	955	999	874	65	68	62	368,976		397	110	
10-Dec	226	312	0	426	509	56	927	955	874	65	66	62	326,013		411	109	
11-Dec	156	310	0	312	538	33	887	944	803	63	66	58	225,348		404	107	
12-Dec	226	336	0	416	539	55	848	904	807	62	65	59	324,993		294	103	
13-Dec	227	274	0	438	509	51	866	891	801	64	65	60	326,802		365	106	
14-Dec	248	330	0	470	558	58	898	921	835	66	67	62	356,512		358	109	
15-Dec	174	248	0	382	495	46	836	884	772	63	65	60	250,074		355	104	
16-Dec	101	233	0	228	456	13	774	819	733	60	63	57	145,344		328	99	
17-Dec	134	264	0	297	478	38	755	807	711	59	63	56	192,558		251	97	
18-Dec	181	342	0	345	552	38	775	869	741	61	67	59	260,097		228	101	
19-Dec	283	342	203	522	573	417	885	913	859	68	70	67	407,773		301	111	
20-Dec	291	313	234	554	590	476	903	923	884	70	71	68	418,783		306	113	
21-Dec	205	311	0	455	599	88	875	915	761	70	71	64	294,556		298	113	
22-Dec	0	0	0	49	88	34	697	761	670	59	64	57	0		636	89	
23-Dec	0	0	0	28	34	23	663	670	660	56	57	55	0		634	82	
24-Dec	0	0	0	19	23	16	656	660	648	55	55	55	0		632	88	
25-Dec	0	0	0	13	16	12	641	648	639	54	55	54	0		626	80	
26-Dec	0	0	0	11	12	9	638	640	638	54	54	54	0		627	84	
27-Dec	0	0	0	8	10	7	642	643	640	54	54	53	0		631	99	
28-Dec	0	0	0	6	7	6	637	643	633	53	53	53	0		627	95	
29-Dec	0	0	0	5	6	4	630	633	628	53	53	53	0		624	92	
30-Dec	0	0	0	4	4	3	626	628	624	53	53	53	0		621	92	
31-Dec	0	0	0	2	3	2	616	624	612	53	53	53	0		610	86	
Summary	141	394	0	251	599	2	802	1017	612	60	71	43	6,278,880		228	100	

ATTACHMENT III
DEEPWELL MONTHLY REPORT DATA - Part II(D)(1)(b)
WELL #2
December, 2008

Date	Flow Rate (gpm)			Injection Pressure (psig)			Annulus Pressure (psig)			Annulus Level (%)			Total Flow Injected	Min. Tube/Annulus Differential Pressure	Temp.	Note
	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.	Avg.	Max	Min.				
1-Dec	0	0	0	8	17	6	746	749	739	53	53	52	0		724	78
2-Dec	26	57	0	214	362	13	741	829	687	52	59	48	38,051		420	84
3-Dec	20	54	0	184	304	7	818	850	788	58	60	56	28,727		526	101
4-Dec	42	93	27	328	402	278	875	904	804	62	63	57	60,096		404	106
5-Dec	44	50	38	355	383	334	901	909	891	63	64	63	63,133		519	108
6-Dec	66	112	0	428	591	35	914	977	861	64	67	62	94,334		375	108
7-Dec	51	76	0	382	474	167	873	892	857	62	63	61	72,925		412	104
8-Dec	77	117	0	478	539	182	932	964	891	65	67	63	110,607		365	109
9-Dec	72	95	0	452	555	53	936	978	864	65	67	62	103,236		377	109
10-Dec	61	91	0	430	514	60	914	935	876	64	65	62	87,945		391	108
11-Dec	45	95	0	316	544	37	887	942	813	63	66	58	64,159		389	106
12-Dec	66	109	0	421	545	59	861	906	826	61	64	59	94,790		303	102
13-Dec	65	83	0	443	514	55	879	902	822	63	64	59	93,854		376	105
14-Dec	75	112	0	475	564	62	919	946	864	65	66	62	107,815		376	108
15-Dec	52	78	0	387	499	51	871	913	813	62	64	59	74,728		397	103
16-Dec	29	87	0	233	461	17	813	856	777	59	62	57	42,038		367	98
17-Dec	36	78	0	301	483	42	797	840	765	58	61	56	51,859		297	96
18-Dec	44	115	0	350	558	41	815	912	787	59	65	57	63,178		273	100
19-Dec	84	115	50	527	579	421	937	967	912	66	67	65	120,291		354	110
20-Dec	81	100	63	559	595	480	962	984	941	67	68	66	116,009		360	112
21-Dec	57	97	0	462	607	83	942	981	841	67	68	62	82,470		360	111
22-Dec	0	0	0	52	83	38	775	841	747	58	62	56	0		709	85
23-Dec	0	0	0	32	38	27	740	747	738	55	56	54	0		707	75
24-Dec	0	0	0	23	27	20	736	738	731	54	54	54	0		711	77
25-Dec	0	0	0	17	20	15	727	731	725	53	54	53	0		708	71
26-Dec	0	0	0	14	15	12	725	727	725	53	53	53	0		710	74
27-Dec	0	0	0	11	12	10	729	731	727	53	53	53	0		715	85
28-Dec	0	0	0	9	10	8	726	731	724	52	53	52	0		715	81
29-Dec	0	0	0	7	8	6	724	725	724	52	52	52	0		717	79
30-Dec	0	0	0	5	6	5	724	724	724	52	52	52	0		718	81
31-Dec	0	0	0	4	5	3	720	724	717	52	52	52	0		714	77
Summary	35	117	0	255	607	3	828	984	687	59	68	48	1,570,243		273	95

ATTACHMENT IV
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
 December, 2008



ATTACHMENT V
DEEPWELL MONTHLY REPORT DATA Part II(D)(1)(c)
 December, 2008

